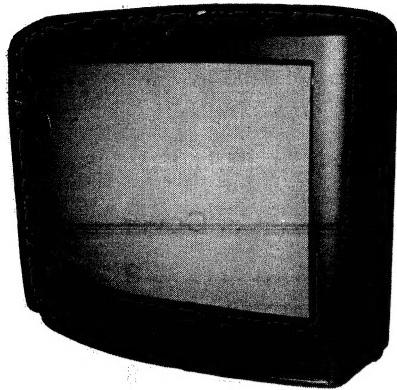


# Service Manual



Colour Television

**TC-25L10R  
TC-2525R  
TX-25L10X  
MX-4 Chassis**

## Specifications

<b>Power Source :</b>	AC Auto 110/240, 50/60Hz
<b>Power Consumption :</b>	140 W ( Max ) 6 W ( Stand-by condition )
<b>Aerial Impedance :</b>	75 Ω unbalanced , Coaxial type
<b>Receiving System :</b>	17 Systems
<b>Tuning System</b>	Voltage Synthesizer 100 position ( Auto Search )
<b>Receiving Channels :</b>	
VHF	2 – 12 ( PAL / SECAM B, K1 ) 0 – 12 ( PAL B Australia ) 1 – 9 ( PAL B New Zealand ) 1 – 12 ( PAL / SECAM D ) 1 – 12 ( NTSC M Japan ) 2 – 13 ( NTSC M U.S.A. )
UHF	21 – 69 ( PAL G, H, I / SECAM G, K, K1 ) 28 – 69 ( PAL B Australia ) 13 – 57 ( PAL D, K ) 13 – 62 ( NTSC M Japan ) 14 – 69 ( NTSC M U.S.A. )
CATV	S1 – S20 ( OSCAR ) S21 – S41 ( HYPER ) 1 – 125 ( U.S.A. ) C13 – C49 ( Japan ) 5A, 9A ( Australia ) Z1 – Z37 ( China )
<b>Intermediate Frequency :</b>	
Video	38.0 MHz
Sound	31.5 MHz ( D, K ) / 32.5 MHz ( B, G ) 32.0 MHz ( I ) / 33.5 MHz ( M )
Colour	33.57 MHz ( PAL ) / 33.6MHz ( SECAM ) 34.42 MHz ( NTSC ) / 33.75MHz ( SECAM )

### Receiving Stereo Sound system :

TC-25L10R / TC-2525R : AV STEREO  
TX-25L10X : NICAM B.G. A2 ( GERMAN )

### Video / Audio Terminals :

AV In :	Video ( Phono )	1 Vp-p 75 Ω
	S-Video	Y : 1.0 Vp-p 75 Ω C : 0.3 Vp-p 75 Ω
Monitor Out :	Video ( Phono )	Approx. 400 mV
	Video ( Phono )	1 Vp-p 75 Ω
	Audio ( Phono )	Approx. 400 mV

**High Voltage :** 29.3 (+0.7, -1.5) KV  
at zero beam current

**Picture Tube :** A59KPR84X ( 0 ) ( TC-25L10R / TX-25L10R )  
A59KPR84X ( TC-2525R )  
Type 25 ( 630mm )  
Measured diagonally, 110° deflection

**Audio Output :** 5.0 W ( Max ) x 2  
Impedance 8Ω  
2 speaker system, L / R

**Dimensions :** Height : 551.0 mm  
Width : 626.0 mm  
Depth : 462.0 mm

**Mass :** 28.0 KG ( Net Wt. )

**Accessories Supplied :** Remote Controller x 1  
" R6 " Battery x 2  
Specifications are subject to change without notice.  
Mass and dimensions shown are approximate.

**Panasonic**

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# **TC-25L10R / TC-2525R / TX-25L10X**

## **⚠ WARNING**

This service literature is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warning or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service literature by anyone else could result in serious injury or death.

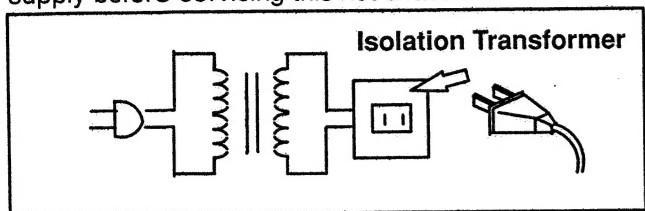
## **CONTENTS**

• <b>Specifications</b> .....	Cover
• <b>Safety Precautions</b> .....	3
• <b>Operating Instruction</b> .....	5
• <b>Location Of Controls and Circuit Boards</b> .....	8
• <b>Service Hints</b> .....	9
• <b>The I<sup>2</sup>C Bus Concept</b> .....	9
• <b>How To Set The Market Mode For Adjustment</b> .....	10
• <b>Adjustment Procedure</b> .....	11
• <b>Location of Lead Wiring</b> .....	17
• <b>Conductor Views</b> .....	19
• <b>Schematic Diagrams</b> .....	24
• <b>Parts Location &amp; Mechanical Replacement Part List</b> .....	34
• <b>Replacement Parts List</b> .....	36

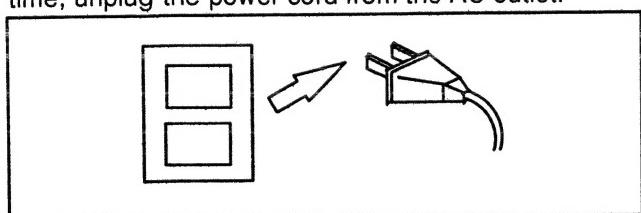
# Safety Precautions

## General Guide Lines

1. It is advisable to insert an isolation transformer in the AC supply before servicing this hot chassis.



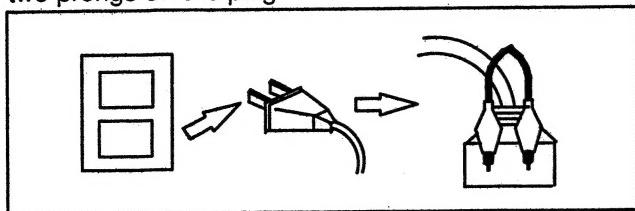
2. When servicing, observe the original lead dress, especially the lead dress in the high voltage circuits. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
3. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers, shields, and isolation R-C combinations, are properly installed.
4. When the receiver is not to be used for a long period of time, unplug the power cord from the AC outlet.



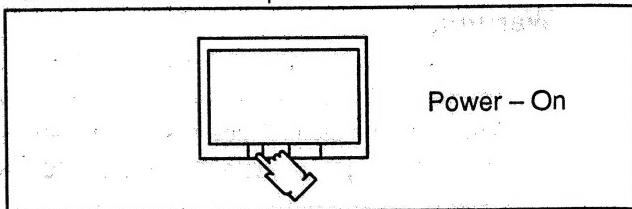
5. Potential, as high as **30.0 kV**, is present when this receiver is in operation. Operation of the receiver without the rear cover involves the danger of a shock hazard from the receiver power supply. Servicing should not be attempted by anyone who is not thoroughly familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the picture tube to the receiver chassis before handling the tube.
6. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.

## Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.



2. Turn on the receiver's power switch.



3. Measure the resistance value, with an ohmmeter, between the jumper AC plug and each exposed metallic cabinet part on the receiver, such as screw heads, aerials, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between  $4 \text{ M}\Omega$  and  $20 \text{ M}\Omega$ . When the exposed metal does not have a return path to the chassis, the reading must be infinite.

## Leakage Current Hot Check

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a  $2 \text{ k}\Omega$ ,  $10\text{W}$  resistor, in series with an exposed metallic part on the receiver and an earth such as a water pipe.
3. Use an AC voltmeter, with high impedance type, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.

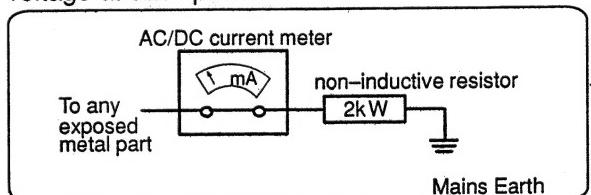
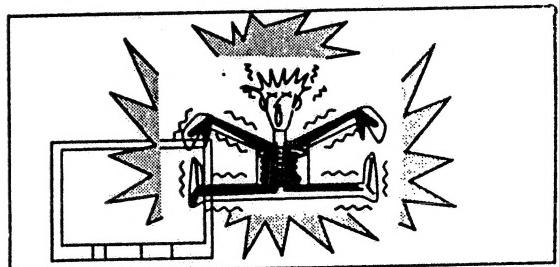


Fig. 1 Hot - Check Circuit

5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. the potential at any point should not exceed **1.0 rms** in case a measurement is outside the limits specified, there is a possibility of shock hazard, and the receiver should be repaired and rechecked before it is returned to the customer.



## **TC-25L10R / TC-2525R / TX-25L10X**

### **X-Radiation**

#### **Warning :**

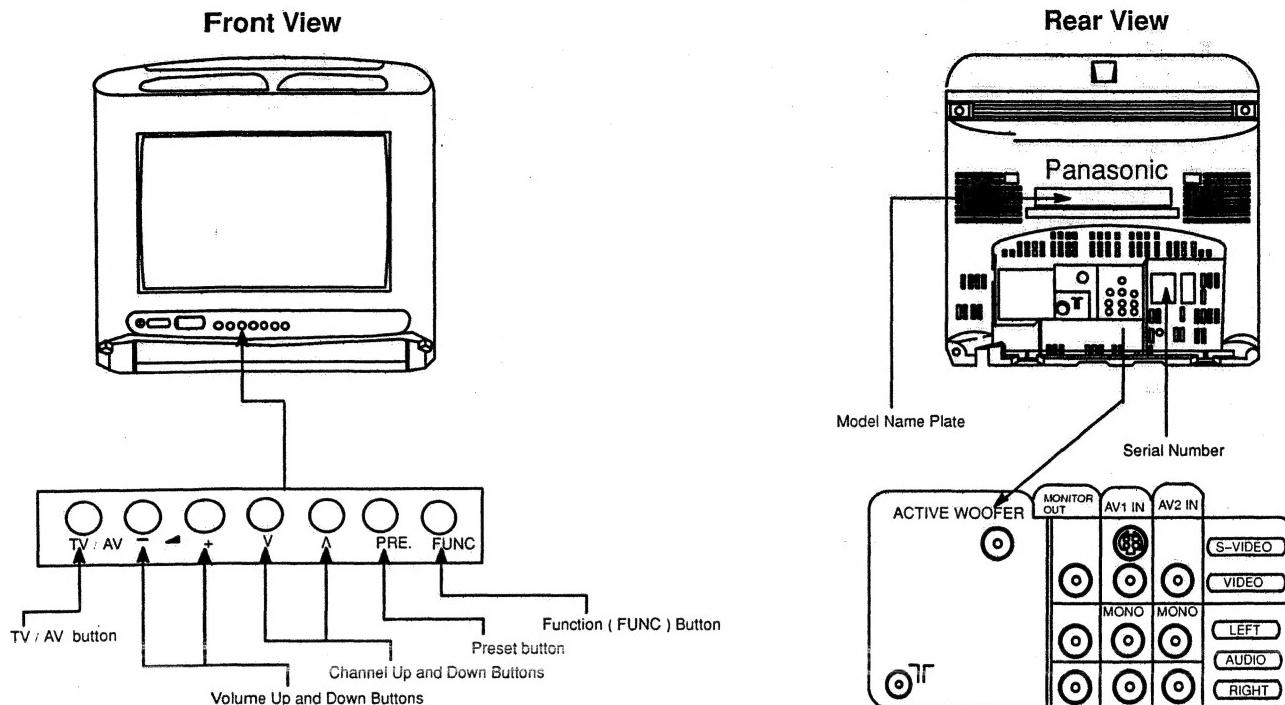
1. The potential sources of X-Radiation in TV sets are the High Voltage section and the picture tube.
2. When using a picture tube test jig for service, ensure that jig is capable of handling **30.0 KV** without causing X-Radiation.

**Note :** It is important to use an accurate periodically calibrated high voltage meter.

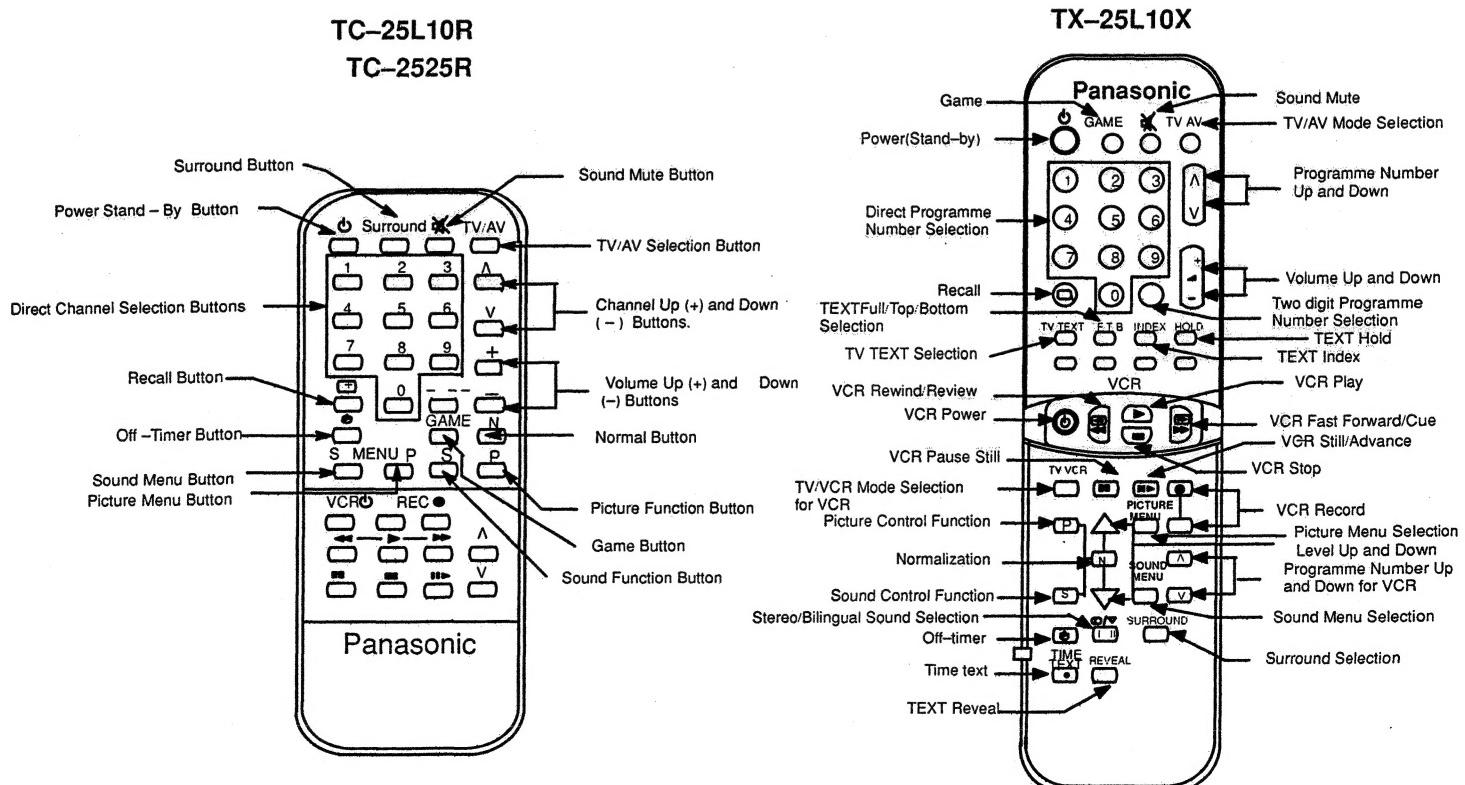
1. Set the brightness to minimum.
2. Set the picture screen to the one horizontal line in MARKET MODE CHK3 ( refer to page ).
3. Measure the HIGH VOLTAGE. The meter reading should indicate **29.3 (+0.7,-1.5) kV**. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
4. To prevent an X-Radiation possibility, it is essential to use the specified picture tube.

# Operating Instructions

## Location of Control (TV)



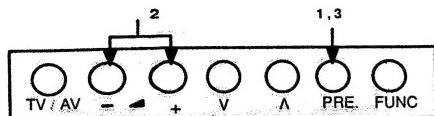
## Remote controls



# TC-25L10R / TC-2525R / TX-25L10X

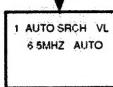
## Tuning Procedure

### Automatic Search



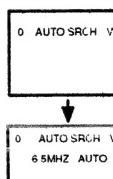
This TV uses automatic tuning to determine whether or not a broadcast signal is being sent which it can receive, and automatically prepares so that the channel selection can respond to both the position select and direct select modes.

1. Press the "PRE." (PRE-SET) button, setting the Automatic search mode.



Channel Number  
Automatic search  
condition.

2. Press the Volume Up "+" button.



Search  
start.

The best tuning  
position is  
automatically  
memorized.

3. Press the "PRE." (PRE-SET) button 3 times.



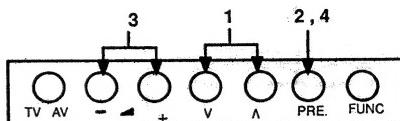
This returns the  
set to the  
normal viewing  
condition.

### Helpful Hints

1. If a clear picture with correct colours cannot be obtained when a broadcast or AV signal is received, refer to the "Colour System Selection" operation.
2. When the sound is not clear or no sound is produced on a programme number, refer to the "Sound System Selection" operation.
3. Repeated pressing of the "PRE." (PRESET) button changes the Preset Menu as follows:



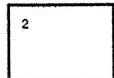
### Manual Search



1.



Press either the Channel  
Up or Down button.

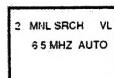


Select the de-  
sired Channel  
Number.

2.



Press the "PRE."  
(PRESET) Button twice,  
setting the manual Search  
Mode.

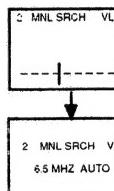


Manual Search  
Condition.

3.



Press the Volume Up "+"  
or Down "-" button.  
Volume "+" : Next higher  
Channel,  
Volume "-" : Next lower  
Channel

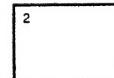


Search  
start.  
The best tuning  
position is auto-  
matically memo-  
rized.

4.



Press the "PRE." (PRE-  
SET) button 2 times.



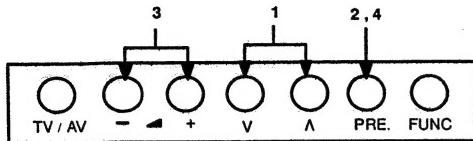
This returns the  
set to the normal  
viewing condition.

### Helpful Hints

1. If a clear picture cannot be obtained even when a Broadcast is received, refer to the "Colour System Selection".
2. When the sound is not clear or no sound is produced on a Channel Number, refer to the "Sound System Selection" operation.
3. In case of NTSC M System, select the Sound System to 4.5 MHz.

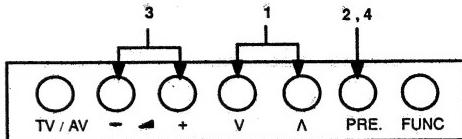
# TC-25L10R / TC-2525R / TX-25L10X

## Fine Tuning



Under normal reception condition, this function is not used. However, in areas of poor reception or constant interference, a slight adjustment on the fine tuning can improve the picture and sound quality.

## Programme Number Skip



It is possible to Skip Programme Numbers on which no TV stations are tuned appearing on the screen. The function is only effective when selecting Programme Numbers by pushing the Programme Number Up or Down Buttons either on the TV set or the remote Control.

1. Select the channel which you want to improve using the channel up or down buttons. 3 Select the desired Channel Number.

2. Press the "PRE." (PRE-SET) button 3 times, setting the Fine Tuning Mode. 3 FINE VL  
---|--- Fine Tuning Condition.

3. Press the Volume Up "+" or Down "-" button until the picture is received. 3 FINE VL  
---|--- The AFC (Automatic Frequency Control) function is deactivated. The "■" symbol appears to the left of the Channel Number.

4. Press the "PRE." (PRE-SET) button. 3 This returns the set to the normal viewing condition.

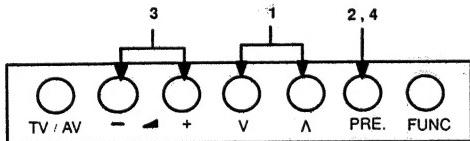
1. Select a Programme Number you want to skip, by pushing the Programme Number Up or Down Buttons. 15

2. Press the "PRE." (PRE-SET) button, setting the Automatic Search Mode. 15 AUTO SRCH VH  
6.5MHZ AUTO Automatic Search condition.

3. Press the "TV / AV selection" Button. 15 AUTO SRCH VH  
6.5MHZ AUTO SKIP The Skip function is now set.

4. Press the "PRE." (PRE-SET) button 3 times. 15 This returns the set to the normal viewing condition.

## How to Cancel the Fine Tuning



Cancelling previously adjusted (manually) fine tuning, means re - activating the AFC (Automatic Frequency Control) Function also known as AFT (Automatic Fine Tuning). Re - activating the Automatic Fine Tuning means albanding the set to automatically tune to the optimum tuning position, for that Channel Number.

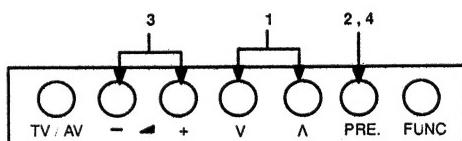
1. Select the "AFC OFF" Channel Number which you want to return to Automatic Frequency Control (Cancel the manual fine tuning). 7 "AFC OFF" Channel Numbers are indicated to you by the "■" symbol to the left of the Channel Number.

2. Press the "PRE." (PRESET) button twice, setting the Manual Search Mode. - MNL SRC VH  
6.5MHZ AUTO  
---|--- Manual Search Condition.

3. Press the Volume Up "+" or Down "-" button briefly. - MNL SRC VH  
---|--- The best tuning position is automatically memorized.

4. Press the "PRE." (PRE-SET) button twice. 7 This returns the set to the normal viewing condition.

## How to Cancel the Skip Function



1. Select the skipped Programme Number, by pressing the Programme Number Up "A" or Down "V" buttons. 15 AUTO SRCH VH  
6.5MHZ AUTO SKIP Automatic Search condition.

2. Press the "PRE." (PRESET) button, setting the Automatic Search Mode. 10 AUTO SRCH VH  
6.5MHZ AUTO SKIP The "SKIP" indicator will appear on the screen.

3. Press the "TV/AV" selection button. Repeat step 2 and 3, if you wish to cancel the Skip function on any other programme Number. 15 AUTO SRCH VH  
6.5MHZ AUTO The skip function is now cancelled.

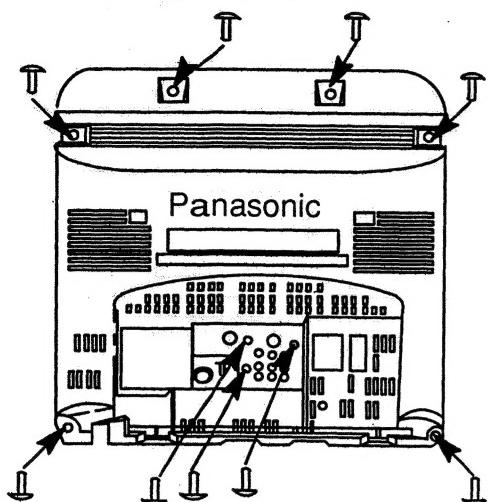
4. Press the "PRE." (PRE-SET) button three times. 10 This returns the set to the normal viewing condition.

## TC-25L10R / TC-2525R / TX-25L10X

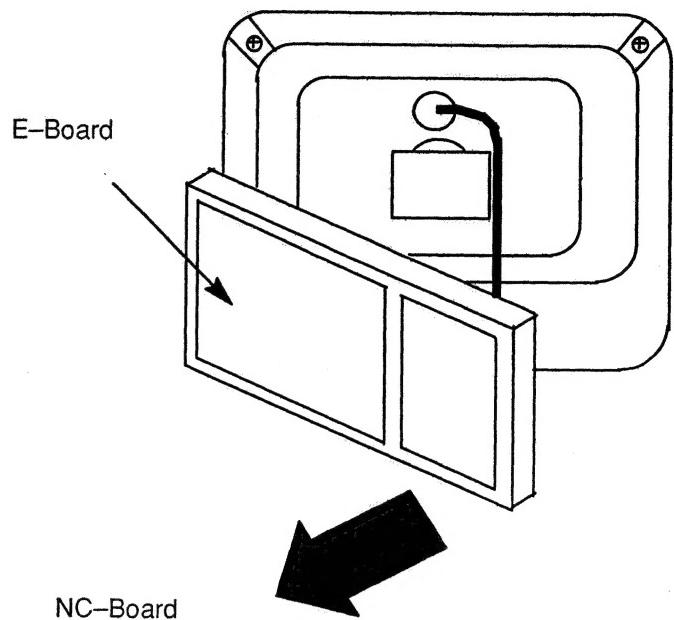
### Location of Control and Circuit Boards

#### Service Position for Main Board ( E-Board )

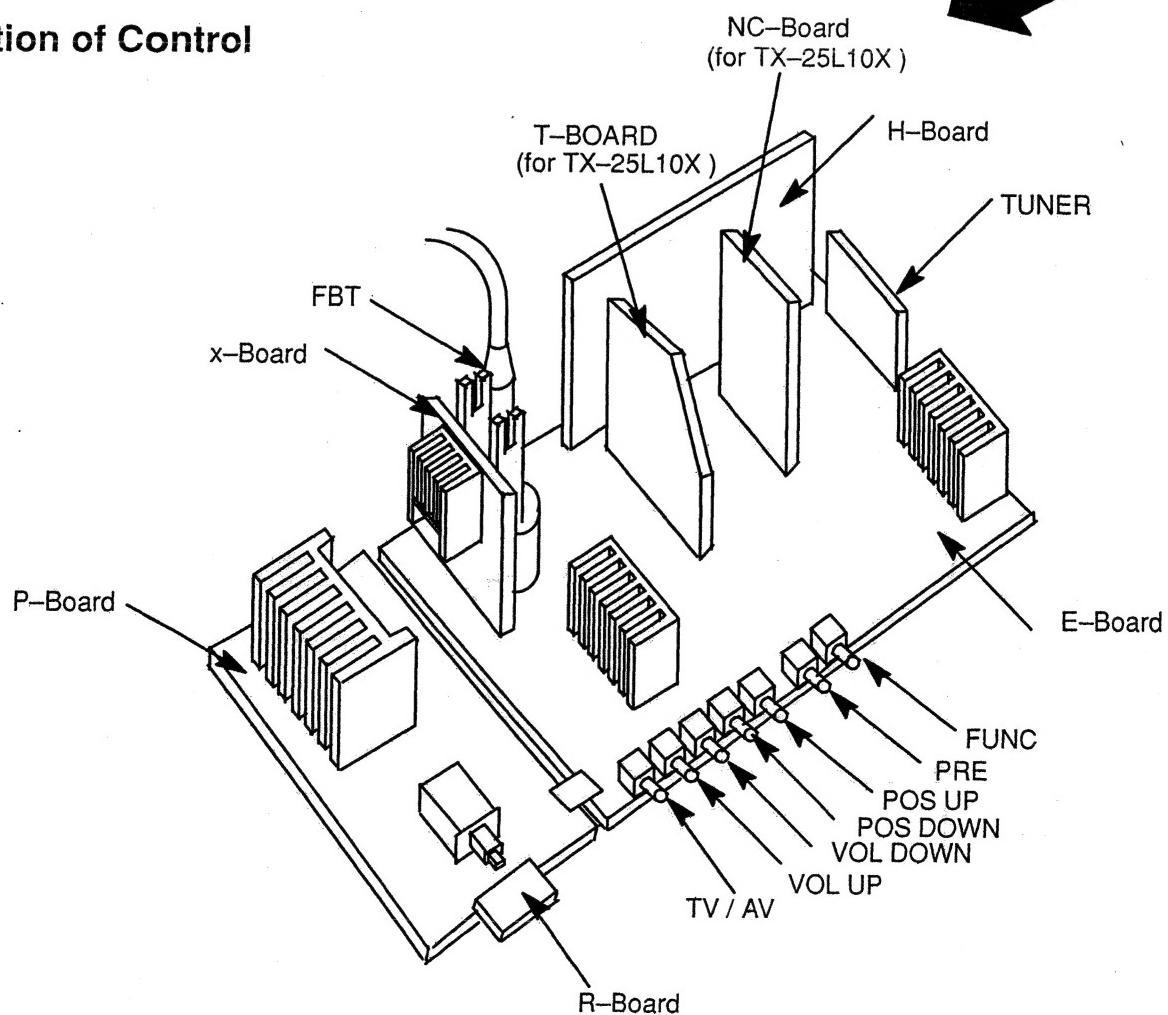
Remove 9 Screws



Pull out Main Chassis and stand it



#### Location of Control



## **Service Hint**

### **Hotel Mode ( Child-Lock )**

#### **Purpose**

1. At Hotels this Mode prevent customer from changing the TV preset data ,such as Channel Preset data.  
**Note :** This Mode is useful for hotel, you should not get into " Hotel Mode " with normal use.

#### **Operation**

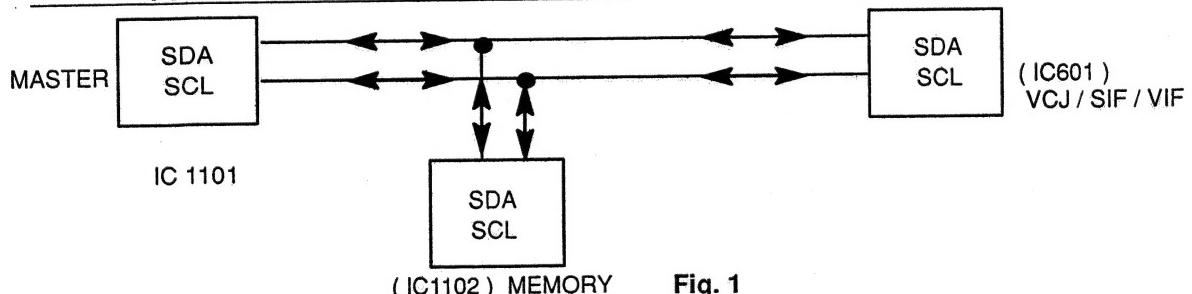
1. To get into " Hotel Mode " press the remote control " off-Timer " button and Channel up key on the TV set simultaneously.
2. In this mode, the channel up and down function will be able as normal Mode, and the maximum volume level for this mode is set at the current volume level, that means setting at the level before entering the mode. However, other function will be disable.
3. **To exit this mode**, press the remote control " off-Timer " button and the " Volume Down [ - ] " key simultaneously.

## **The I<sup>2</sup>C Bus Concept :**

### **A. Features**

1. The I<sup>2</sup>C bus is a 2 – wire serial bus consisting of a clock line ( SCL ) and a data line ( SDA ).
2. It allows bi – directional data transfer, between IC's.
3. It consist of a master and one or more slave IC's.  
The master initiates transfer and generates clock signals.  
The slave is the IC addressed by a master.

### **B. I<sup>2</sup>C Application in the MX-4 Chassis..**

**Fig. 1**

During transfer the microcomputer IC1101 in the TV set is always the master device. IC601 and IC1102 are slave addressed by IC1101.

1. Various control functions are possible via the I<sup>2</sup>C bus from the microcomputer IC1101 to VCJ IC601, as shown in FIG.1.
2. Data like position, BT voltage, band, AFC, skip, volume, recall, power and off timer setting, service mode setting , colour setting, function etc, are stored and read out from the EEPROM IC1102 via the I<sup>2</sup>C bus.

# TC-25L10R / TC-2525R / TX-25L10X

## 2. How to set the Market Mode for adjustment.

Follow the Steps shown in the block diagram below to set the Market Mode for sub-colour; sub-bright; sub-contrast; RGB low-light and RGB high-light and etc, adjustments.

When the IC601(VCJ) or IC1102 are replaced, these adjustment must be done as below.

### The Sub Adjustment mode.

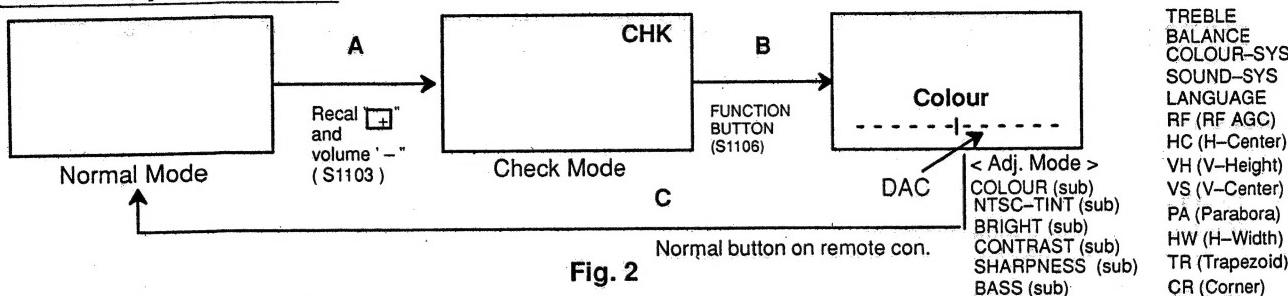


Fig. 2

TREBLE
BALANCE
COLOUR-SYS
SOUND-SYS
LANGUAGE
RF (RF AGC)
HC (H-Center)
VH (V-Height)
VS (V-Center)
PA (Parabora)
HW (H-Width)
TR (Trapezoid)
CR (Corner)

A: Simultaneously press the Recall button [ ] on the remote control unit and the VOLUME DOWN button [ - ] (on the TV set). The TV in the Normal mode changes to check mode. "CHK" will appear on the screen as shown in Fig. 2.

B: Press the Function button (S1106) to select the required adjustment to be adjusted as shown in Fig. 2.  
Press the Volume "up" or "down" button on the TV set to change the DAC level.

### The CRT Adjustment mode.

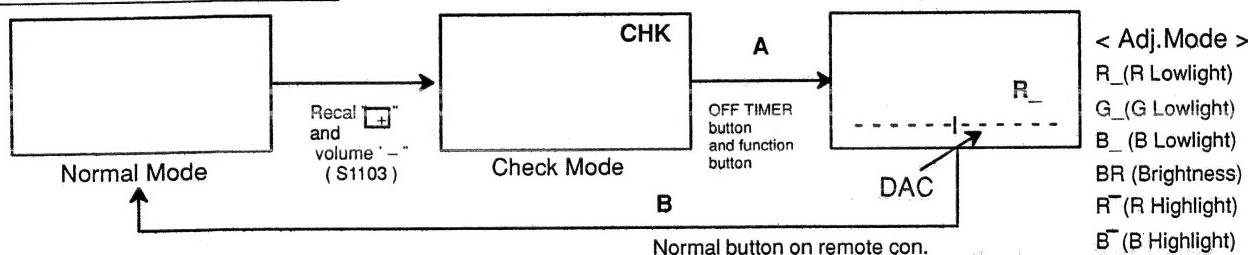
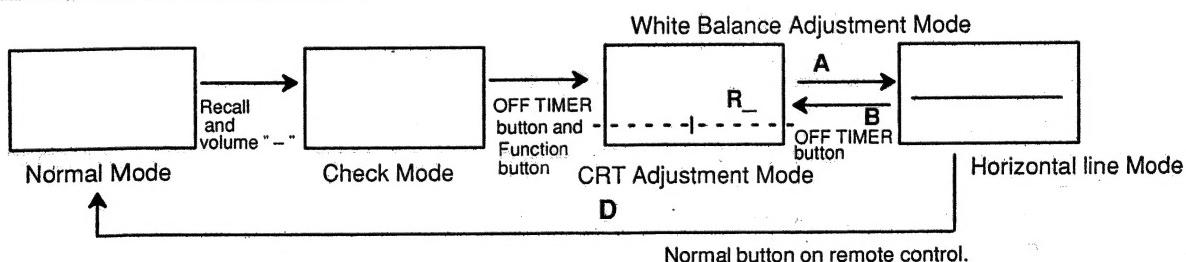


Fig. 3

A: Press the OFF TIMER button on the remote control, the TV in the Check mode changes to the CRT Adjustment mode.  
Press the Function button (S1106) to select the required adjustment to be adjusted as shown in Fig. 3. ( Please refer to procedure on page 14 )

Press the Volume "up" or "down" button on the TV set to change the DAC level.

### The White Balance Adjustment mode.



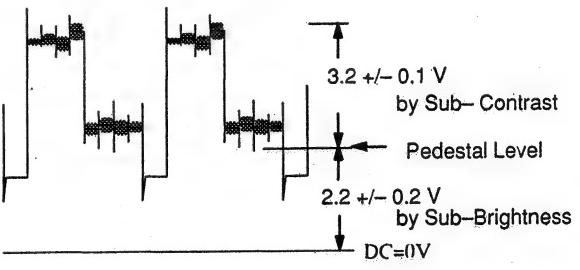
A: Press OFF TIMER button in the CRT Adjustment mode changes to the Horizontal line mode for Low light and Brightness mode.

B: Press OFF TIMER button, the TV in the Horizontal line Mode return to the CRT Adjustment mode.  
( Please refer to procedure on page 13 ).  
Press the volume " up " or " down " button ( S1104 & S1103 ) to change the DAC level.

### How to memorize the Adjustment data.

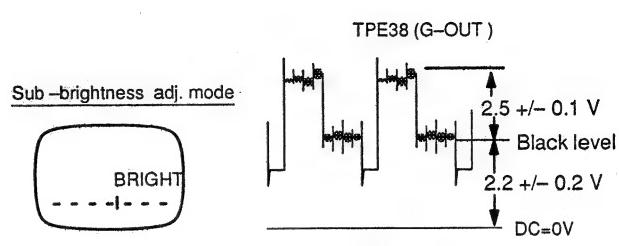
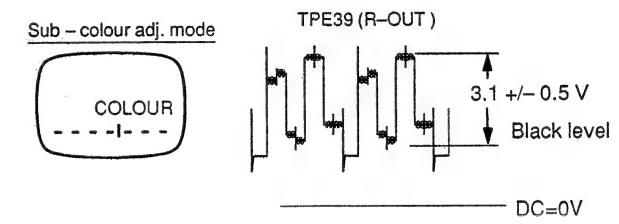
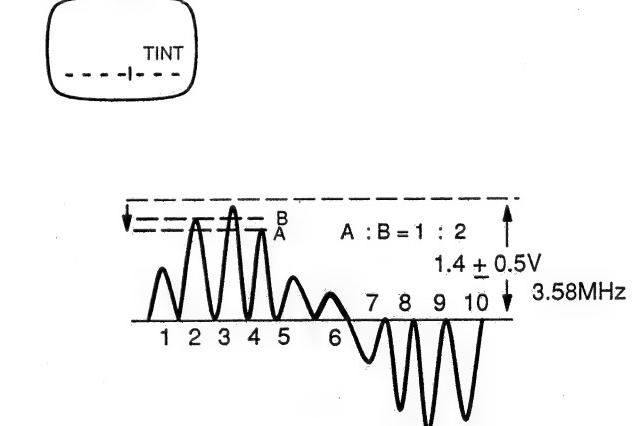
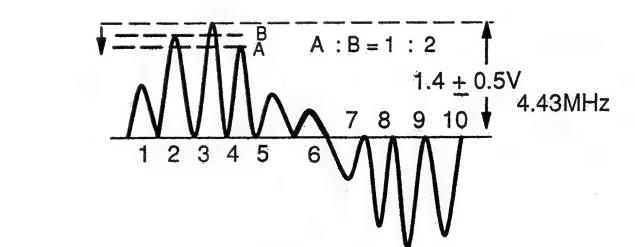
When finish Adjustment, let the OSD disappear and press normal on the remote control, or if OSD is being displayed, press normal key twice ( Press once, normal OSD will disappear, press again to exit from sub-function adjustment mode ).

## Adjustment Procedure

Item / Preparation	Adjustment Procedure
<b>B Voltage</b> 1. Operate the TV set. 2. Set the beam current to "0".	Confirm the DC voltage at the indicated test points, as follows :  TPE30 : 12.0 +/- 1.0 V      TPE31 : 9.0 +/- 1.0 V TPE32 : 5.0 +/- 1.0 V      E33-1 : 220.0 +/- 15.0V E35-15 : 142.0 +/- 2.0 V
<b>RF AGC</b> 1. Set the TV to market Mode ( RF AGC Adj.) 2. Receive a colour bar signal at an RF level of 63dB with $75\Omega$ loaded. 3. Connects a digital multimeter to TPE1, set to DC mode.	1. Adjust RG AGC Control in Market Mode such as to procedure a snowy picture.  2. Adjust RF Control to set it at the point just before voltage at TPE1 begins to drops.  3. Increase the input level by 2dB and confirm the voltage at TPE1 Changes.
<b>High Voltage</b> 1. Operate the TV set. 2. Set the Beam current to "0"	1. Connect a DC voltage meter to Cathode of D852 and confirm the voltage is 142.0 +/- 2.0 V.  2. Connect a high voltage meter to anode of the picture tube.  3. Confirm that the high voltage is within the range of 29.3 (+0.7, -1.5) kV.
Item / Preparation	Waveform
<b>Sub-Contrast, Sub-Brightness</b> 1. Receive a colour bar pattern . Connect an oscilloscope to TPE38 ( G-OUT ) and chassis earth. 2. Set Colour, Brightness and contrast to Normal. 3. Set the picture menu to dynamic mode. 4. Connect a short jumper between TPE35 and TPE32. Note that this step disable the the ABL, so avoid operation in this condition for long periods at high beam current. 5. Set the TV to Market Mode as shown in FIG.4 6. Adjust Brightness Level by Sub- brightness control by pressing either the volume "UP" or "DOWN" buttons on the TV set. 7. Adjust contrast level by Sub-contrast control by pressing either the volume "UP" or "DOWN" buttons on the TV set. 8. Cancel the "CHK" mode by pressing the Normal button on remote control transmitter and remove the jumper wire between TPE32 to TPE35.	 <b>FIG. 4</b> 

**FIG. 5**

# TC-25L10R / TC-2525R / TX-25L10X

Item / Adjustment	Waveform
<p><b>PAL Colour Output</b></p> <ol style="list-style-type: none"> <li>Receive a colour bar pattern. connect an oscilloscope to TPE38 ( G-OUT ) And.chassis earth.</li> <li>Set colour, brightness and Contrast to Normal.</li> <li>Set the picture menu to Dynamic mode.</li> <li>Set the TV to Market Mode.</li> <li>Connect a short jumper between TPE32 and TPE35.</li> <li>Adjust Sub Bright Control by pressing either the volume "UP" or "DOWN" buttons on the TV set as follows FIG.6.  <math>2.2 \pm 0.2 \text{ V}</math></li> <li>Adjust Sub colour by pressing either the volume "UP" or "DOWN" buttons on the TV set as follows FIG.6.  <math>2.5 \pm 0.1 \text{ V}</math></li> <li>Connect the oscilloscope to TPE39 ( R-OUT )</li> <li>Confirm that the amplitude of waveform FIG.7.  <math>3.1 \pm 0.5 \text{ V}</math></li> <li>Press normal button on remote controller and check CHK disappear from CRT screen.</li> </ol> <p><b>M-NTSC Sub-Tint adjustment</b></p> <ol style="list-style-type: none"> <li>Apply 3.58 MHz NTSC rainbow pattern.</li> <li>Connect a short jumper between TPE32 and TPE35</li> <li>Connect an oscilloscope to TPE39 ( R-OUT ).</li> <li>Press S1106 colour system SW to NTSC 3.58.</li> <li>Set. colour. contrast. brightness. Tint to normal.</li> <li>Confirm the amplitude of waveform FIG.8.  <math>1.4 \pm 0.5 \text{ V}</math></li> <li>Set Colour control to maximum and confirm that the colour level is saturated enough.</li> <li>Set the TV to Market Mode.</li> <li>Adjust Sub-NTSC Tint control so that the peak level of waveform is similar to FIG.8.</li> <li>Set Tint control to maximum and confirm that the variable range is more than 30 .</li> <li>Set Tint control to minimum and confirm that the variable range is more than 30 .</li> <li>Apply 4.4MHz NTSC rainbow pattern.</li> <li>Connect an oscilloscope to TPE39 ( R-OUT ).</li> <li>Press S1106 ( Function ) colour system SW to NTSC 4.43.</li> <li>Set colour, contrast brightness, Tint to normal.</li> <li>Confirm the amplitude of waveform FIG.9.  <math>1.4 \pm 0.5 \text{ V}</math></li> <li>Set colour control to maximum and confirm that the colour level is saturated enough.</li> <li>Adjust Sub-Tint so that the peak level of waveform is similar to FIG.9.</li> <li>Set Tint control to maximum and confirm that the variable range is more than 30</li> <li>Set Tint control to minimum and confirm that the variable range is more than 30</li> <li>Press NORMAL button on the remote control transmitter. CHK should disappear from screen</li> </ol>	 <p>Sub -brightness adj. mode</p> <p>TPE38 (G-OUT)</p> <p>Black level  <math>2.2 \pm 0.2 \text{ V}</math></p> <p>White level  <math>2.5 \pm 0.1 \text{ V}</math></p> <p>DC=0V</p> <p>Fig. 6</p>  <p>Sub - colour adj. mode</p> <p>TPE39 (R-OUT)</p> <p>Black level  <math>3.1 \pm 0.5 \text{ V}</math></p> <p>DC=0V</p> <p>Fig. 7</p>  <p>Sub - tint adj. mode</p> <p>TINT</p> <p>A : B = 1 : 2</p> <p><math>1.4 \pm 0.5 \text{ V}</math></p> <p>3.58MHz</p> <p>Fig. 8</p>  <p>A : B = 1 : 2</p> <p><math>1.4 \pm 0.5 \text{ V}</math></p> <p>4.43MHz</p> <p>Fig. 9</p>

# TC-25L10R / TC-2525R / TX-25L10X

## ADJUSTMENTS PROCEDURE FOR WHITE BALANCE

Item / Adjustment	Adjustment Procedure		
<b>CRT CUT-OFF</b>			
1. Over 15 minutes aging is required.		OSD	MEANING
2. Colour, contrast level is centre.	1	R_-	RED LOWLIGHT
3. Highlight is centre, Lowlight position is 4 DAC ( R and B ) 8 DAC for G of on screen display bar from left side.	2	G_-	GREEN LOWLIGHT
4. Screen volume is minimum.	3	B_-	BLUE LOWLIGHT
5. input a flat white field signal, and set contrast to minimum.	4	BR	SUB BRIGHTNESS
6. Connect an oscilloscope to TPE7 ON L-Board ( Green CRT drive ) and GND.	5	R_-	RED HIGHLIGHT
7. Set the TV to Market Mode.	6	B_-	BLUE HIGHLIGHT
8. Press the Function button ( S1106 ) to select "BR" (meaning "brightness") Note that repeated pushing of the function button cycles through the CRT adjustment as shown in FIG.10.	<u>Operation of the Function Button ( S1106 ) in CRT Adjustment Mode</u>		
9. WHILE "BR" ,IS STILL ON SCREEN set the screen control to minimum by turning it anti - clockwise, and use the volume "up" or "down button ( S1104 and S1103 ) to set the DC = 0V to video level at 190V, as shown in FIG.11.	<p style="text-align: center;"><b>Fig. 10</b></p>		
10. Advance the screen control of FBT sufficient to see the OSD. WHILE "BR" ,IS STILL ON SCREEN, ( push the function button to bring it up again if necessary ), push the OFF Timer Button. This will collapse the vertical scan.	<p style="text-align: center;"><b>Fig. 11</b></p> <p style="text-align: center;"><u>Sub - bright adjustment</u></p>		
11. Slowly adjust the screen control of FBT such that one of the G beam just appears, across the centre of the screen, ( FIG.12 ).	<p style="text-align: center;">PUSH "TIMER" BUTTON ( S1101 ) WHILE "BR" IS STILL ON SCREEN TO COLLAPSE THE FRAME SCAN.</p>		
THIS IS THE SETTING POINT FOR THE SCREEN CONTROL. Note which colour appeared, and DO NOT ADJUST THE LOWLIGHT SETTING FOR THIS PARTICULAR COLOUR IN THE FOLLOWING PROCEDURE.	<p style="text-align: center;"><b>Fig. 12</b></p>		

# TC-25L10R / TC-2525R / TX-25L10X

Item / Preparation	Adjustment Procedure
<p><b>R, G, B LOW LIGHT ADJUSTMENT</b></p> <ol style="list-style-type: none"> <li>1. Complete steps 1 to 11 of the CRT cut-off procedure, and do not adjust the screen control from here on.</li> <li>2. Press the off Timer button to return to full field scan, and use the Function Switch ( S1106 ) to select the lowlight setting for one of the two colour ( R or B ).</li> <li>3. With the R_ or B_ OSD still on screen, press the off timer button again to collapse the vertical scan.</li> <li>4. Use the Volume " up " and " down buttons ( S1104 and S1103 ) to match the levels of the two colours now on screen.</li> <li>5. Repeat Steps 2 to 4 for the remaining colour, to achieve a white line on screen.</li> <li>6. Press the OFF TIMER button to return to full frame scan.</li> </ol>	<p>EXAMPLE: If a green line appeared at Step 11.</p> <pre> graph TD     A[OFF TIMER button] --&gt; B[FULL SCAN]     B --&gt; C[Function (S1106) to select R_]     C --&gt; D[Function (S1106) to select B_]     D --&gt; E[OFF TIMER button]     E --&gt; F[COLLAPSE SCAN]     F --&gt; G[Volume ▲ or ▼]     G --&gt; H[ADJUST LOWLIGHT]     H --&gt; I[White line on screen after the R,G,B lowlight adjustment]     I --&gt; J[OFF TIMER button]     J --&gt; K[FULL SCAN]   </pre>
<p><b>R, B HIGH LIGHT ADJUSTMENT</b></p> <ol style="list-style-type: none"> <li>1. Press the Normal Button on the remote control transmitter twice to return to Normal Mode, after completing the preceding CRT cut-off and lowlight adjustments.</li> <li>2. Set Contrast to Normal ( max. ), and continue using the flat white field input as per Step 1.</li> <li>3. Press the OFF TIMER button TWICE in Market Mode.</li> <li>4. Use the Function Button ( S1106 ) to select R ( red highlight ) and B ( blue highlight ) as necessary.</li> <li>5. With R_ or B_ STILL ON SCREEN, press the Volume " up " and " down " buttons ( S1104 and S1103 ) as necessary to achieve a uniform white field.</li> <li>6. Press the Normal Button on the remote control transmitter twice to return to Normal Mode.</li> <li>7. Input a grey scale pattern, and confirm correct lowlight and highlight white balance.</li> </ol>	<pre> graph TD     A[OFF TIMER button] --&gt; B[Repeat for the remaining colour]     B --&gt; C[Repeat the procedure if necessary to improve white balance of the collapsed field line]     C --&gt; D[OFF TIMER button]     D --&gt; E[FULL SCAN]     E --&gt; F[Normal button on remote control transmitter]     F --&gt; G[NORMAL MODE]     G --&gt; H[Normalise Contrast]     H --&gt; I[OFF TIMER button in Market mode]     I --&gt; J[Function (S1106) to select R_]     J --&gt; K[Function (S1106) to select B_]     K --&gt; L[Volume ▲ or ▼]     L --&gt; M[ADJUST LOWLIGHT]     M --&gt; N[Normal button on remote control transmitter]     N --&gt; O[UNIFORM WHITE]     O --&gt; P[NORMAL MODE]   </pre>

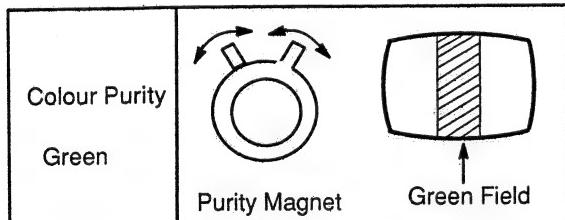
*Before Colour Purity, Convergence and White Balance adjustments are attempted,  
V. Height, H. Centre and Focus adjustments must be completed.*

## **Colour Purity**

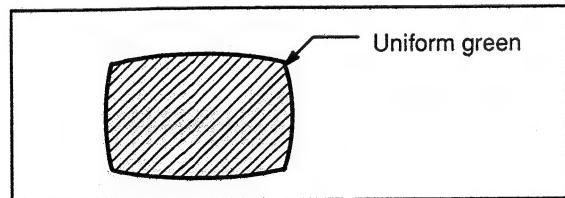
1. Set the Brightness and Contrast controls to their maximum positions.
2. Operate the TV set for 30 minutes.
3. Fully degauss the picture tube by using an external degaussing coil.
4. Apply a crosshatch pattern signal and adjust the static convergence magnets to the approximately correct position.
5. Receive a black and white signal.
6. Set the controls as following :
 

Red .....	minimum
Green .....	as it is.
Blue .....	minimum

 Set the TV to Market mode and select CRT Adjustment mode and then the Function button (S1106) to select low lights.
7. Loosen the clamp screw for the deflection yoke A and move the deflection yoke as close to the purity magnet as possible.
8. Adjust the purity magnetic rings so that a vertical green field is obtained at the centre of the screen.



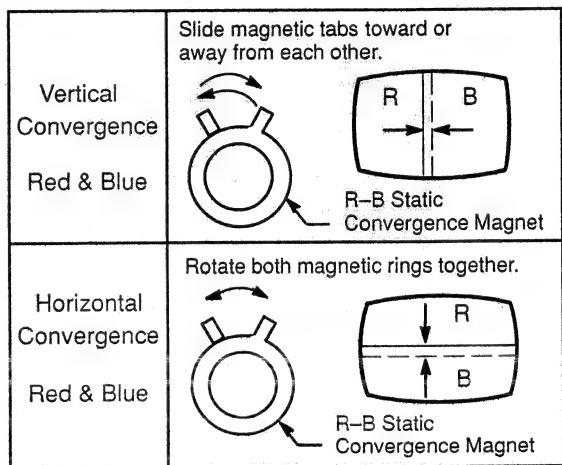
9. Slowly push the deflection yoke and set it where a uniform green field is obtained.



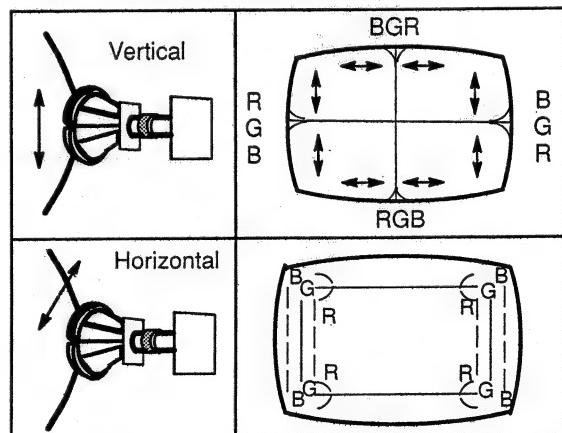
10. Re-adjust the Low Light controls to their correct settings and make sure that a uniform white field is obtained.
11. Tighten the clamp screw A.

## **Convergence**

1. Apply a crosshatch pattern signal and Normalize Contrast control to the maximum position.
2. Adjust Brightness until the grey portion of the crosshatch pattern just becomes black.
3. Adjust the Red and Blue line at the centre of the screen by rotating the R-B static convergence magnetic rings.



4. Adjust Red and Blue with the Green line at centre of the screen by rotating ( RB ) – G static convergence magnetic rings.
5. Lock convergence magnets with silicone sealer.
6. Remove the DY wedges and slightly tilt the deflection yoke vertically and horizontally to obtain the good overall convergence.



7. Fix the deflection yoke by re-inserting the DY wedges.
8. If purity error is found, repeat "Colour Purity" adjustment.

# TC-25L10R / TC-2525R / TX-25L10X

## Notes :

- Wedge A, B,C and D should be inserted following the sequence of 1, 2 , 3 and 4 shown in Fig. 14 .
- The wedges should be set 120° apart from each other.
- Be certain that the four wedges are firmly fixed and the Deflection Yoke is tightly clamped in place.  
Otherwise the Deflection Yoke may shift its position and cause a loss of convergence and purity.

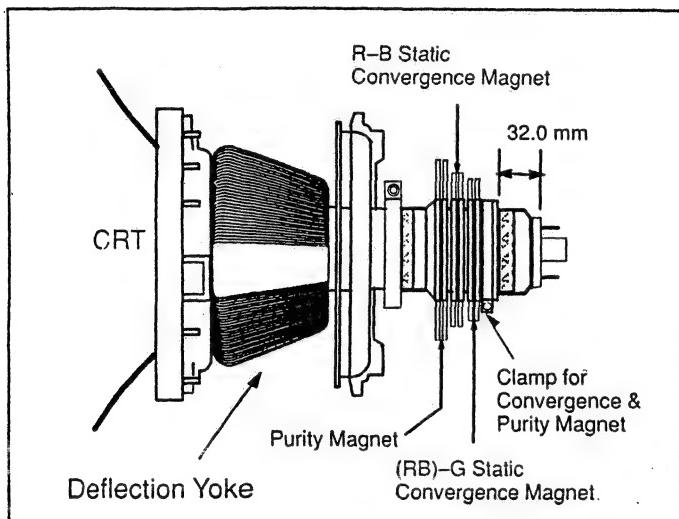


Fig. 13

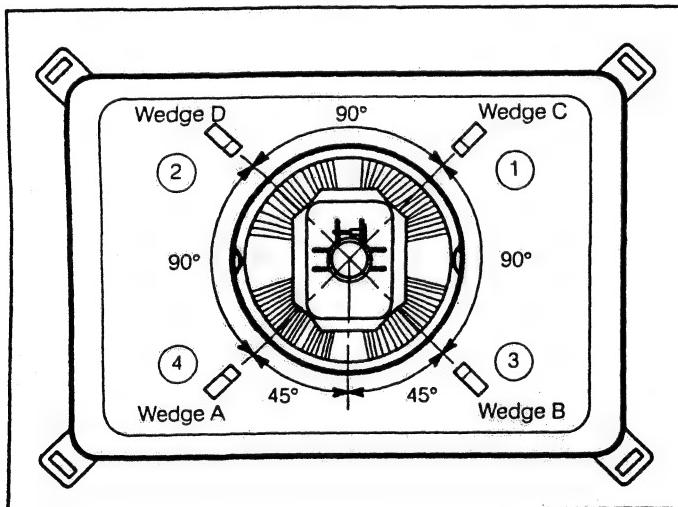
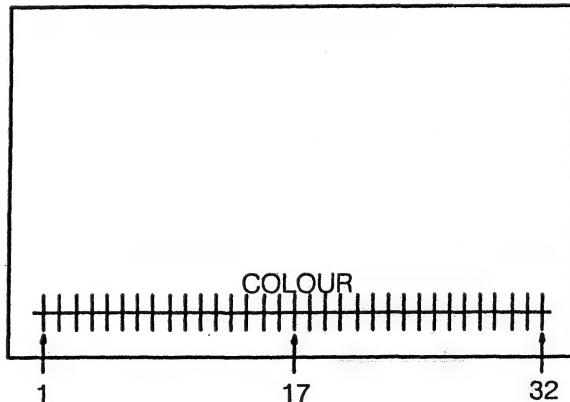


Fig. 14

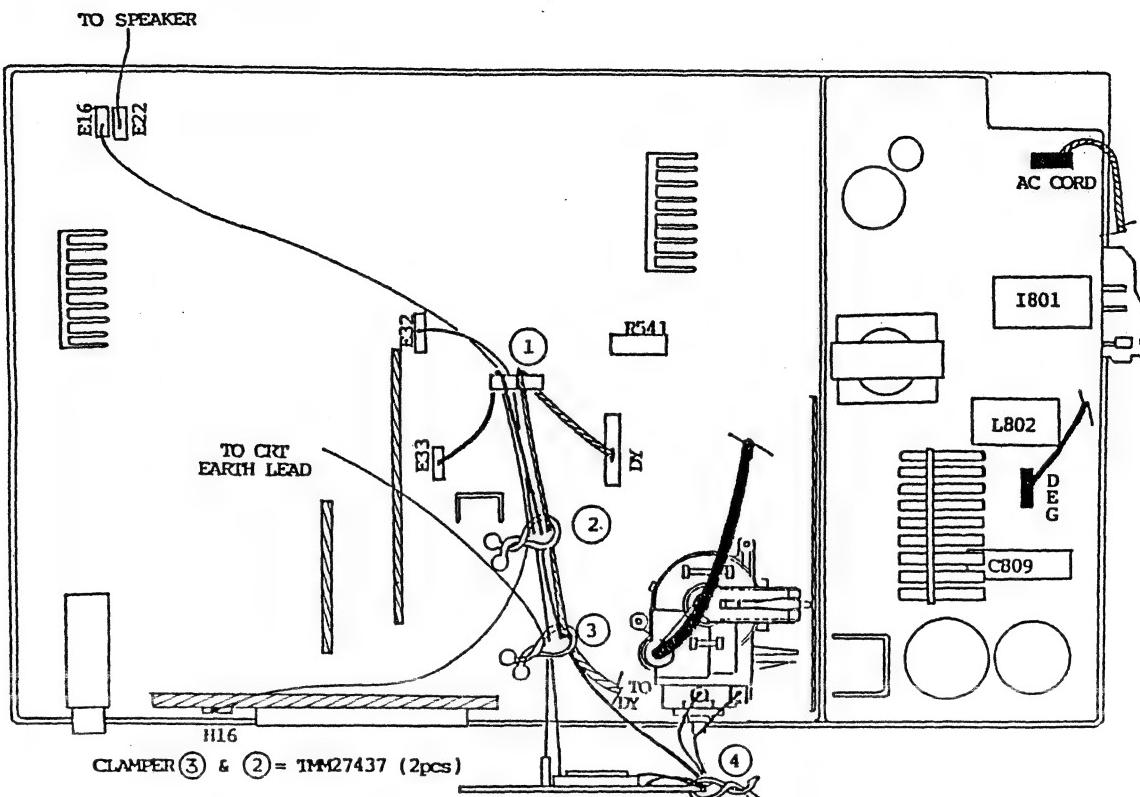
## Adjustment data

Display	Adjustment items	average data
COLOUR	Colour	16
NTSC -TINT	Ntsc Tint	21
BRIGHT	Brightness	14
CONTRAST	Contrast	17
SHARPNESS	Sharpness	4
BASS	Bass	-
TRE	Treble	-
BALANCE	Balance	-
COLOUR-SYS	Colour-System	-
SOUND-SYS	Sound system	-
LANGUAGE		-
RF	RF AGC	21
HC	Horizontal center	26
VH	Vertical Height	16
VS	Vertical center	32
PA	Parabora	22
HW	Horizontal Width	14
TR	Trapezoid	19
CR	Corner	14
R-	Red low light	6
G-	Green low light	8
B-	Blue low light	7
BR	Brightness	17
R-	Red high light	15
B-	Blue high light	18

Note : Measure the data as below.



## Location of Lead Wiring



< CONNECTIONS >

DY, E33, E32, E16, CRT EARTH LEAD AND SCREEN & FOCUS WIRE.

LEAD	CLAMPER	(1)	(2)	(3)	(4)
DY		●	●	●	
E33		●	●	●	○
E32		●	●	●	
E16		●	●		
CRT EARTH LEAD				●	
SCREEN & FOCUS					○

< NOTE >

- 1) ● SINGLE CLAMP
- 2) ○ DOUBLE CLAMP
- 3) ◉ CLAMP IN CHASSIS ASSEMBLY

< CAUTION POINTS >

- (1) ALL WIRES MUST BE KEPT DISTANCE MINIMUM 10mm FROM BODY.
- (2) ANODE LEAD MUST BE KEPT DISTANCE MINIMUM 10mm FROM OTHERS PARTS.
- (3) ALL LEAD MUST NOT TOUCH HIGH TEMPERATURE PARTS AND HEAT SINKS BURR.
- (4) CONNECTOR OF AC CORD MUST BE INSERTED ACCORDING TO NUMBER INDICATION ON PCB.

**TC-25L10R / TC-2525R / TX-25L10X**

**Memo :**

## Conductor Views

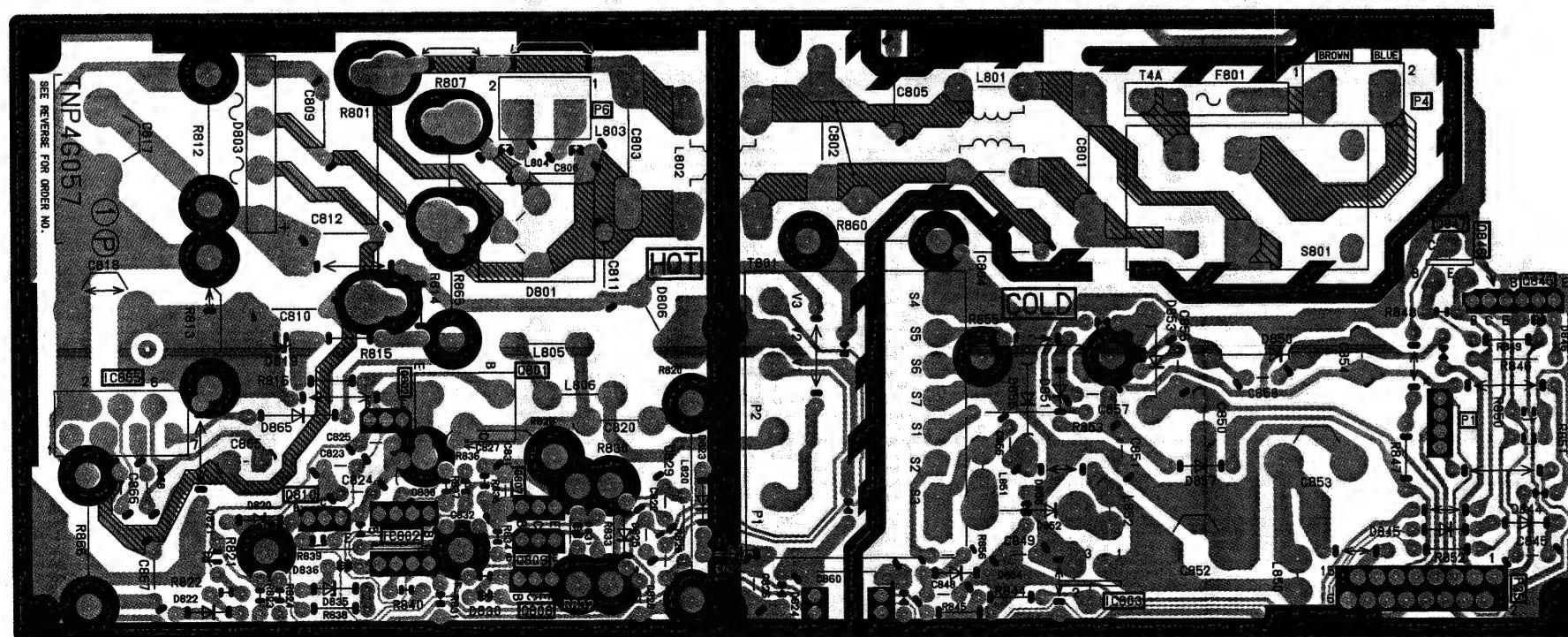
### PARTS LOCATION

P-BOARD	
IC	
IC802	C-1
IC803	E-1
IC865	B-2
TRANSISTOR	
Q801	C-2
Q802	C-2
Q807	C-1
Q808	C-1
Q809	C-1
Q810	B-1
Q845	G-2
Q846	G-2
Q847	G-2

### ADDRESS INFORMATION

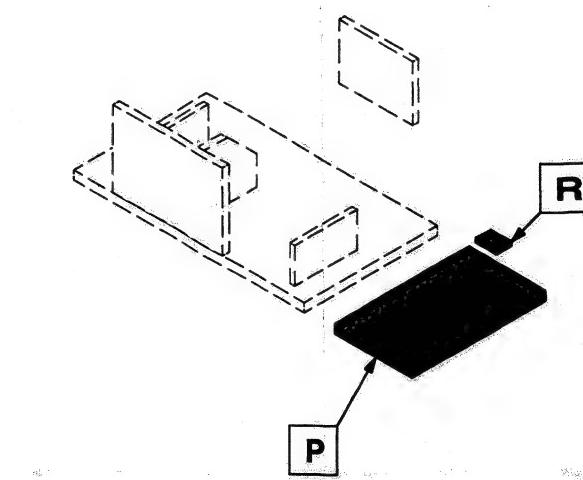
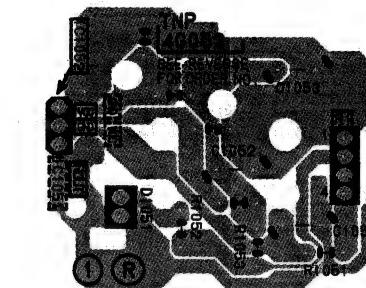
### P-BOARD

TNP4G057AA



### R-BOARD

TNP4G052AE



**TC-25L10R / TC-2525R / TX-25L10X**

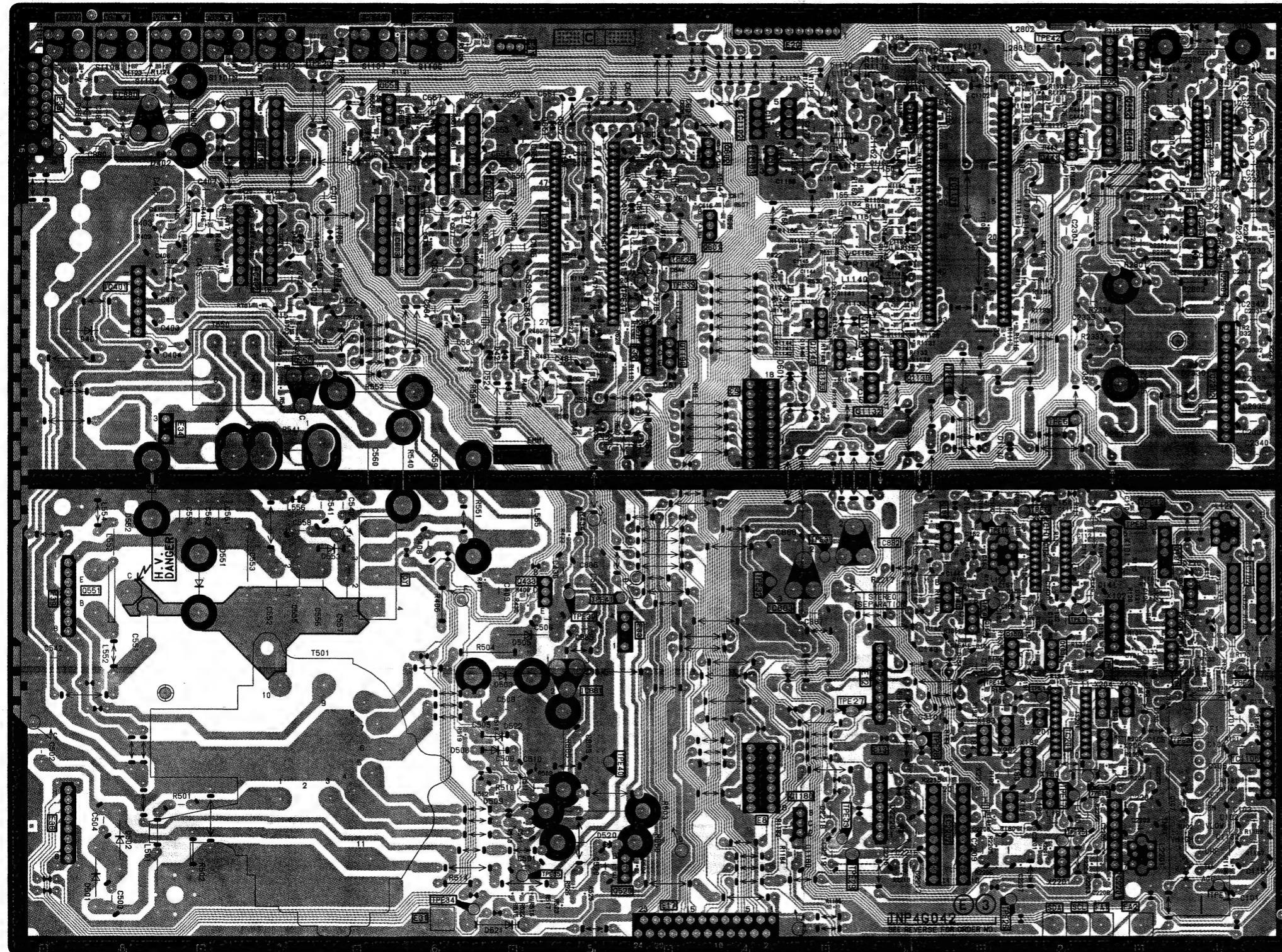
**TC-25L10R / TC-2525R / TX-25L10X**

**E-BOARD**

TC-2525R : TNP4G042AS

TC-25L10R : TNP4G042AR

TX-25L10X : TNP4G042AQ

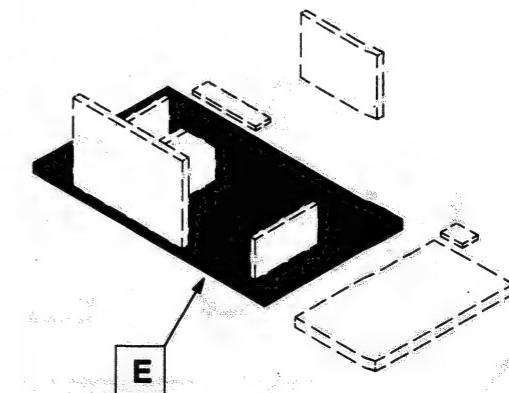


**P,G,R-Boards / E-Board**

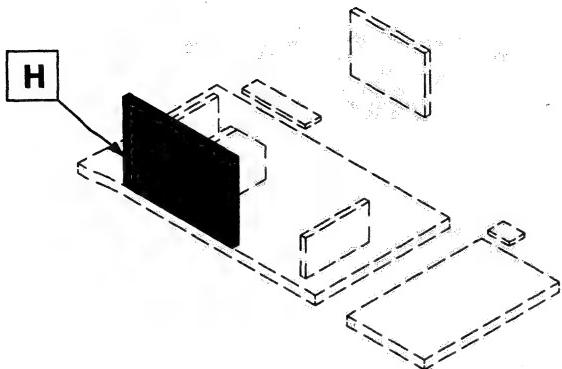
**PARTS LOCATION**

E-BOARD		
IC		E-BOARD
IC101	F-3	Q1131
IC102	G-3	Q1132
IC201	F-2	Q1133
IC401	A-4	Q1140
IC402	B-4	Q1180
IC601	D-5	Q1190
IC602	C-5	Q2301
IC603	C-5	Q2303
IC880	A-5	
IC881	D-2	TPE2
IC882	E-3	TPE3
IC883	E-3	TPE5
IC1101	F-5	TPE6
IC1102	E-5	TPE7
IC1103	E-5	TPE8
IC1104	B-5	TPE9
IC1105	G-2	TPE10
IC2201	G-1	TPE11
IC2202	F-1	TPE12
IC2301	G-5	TPE13
IC2302	G-4	TPE14
		TPE15
		TPE16
		TPE17
		TPE20
		TPE25
		TPE26
		TPE27
		TPE28
		TPE29
		TPE30
		TPE31
		TPE32
		TPE33
		TPE34
		TPE35
		TPE38
		TPE39
		TPE40
		TPE41
		TPE42

**ADDRESS INFORMATION**



# TC-25L10R / TC-2525R / TX-25L10X

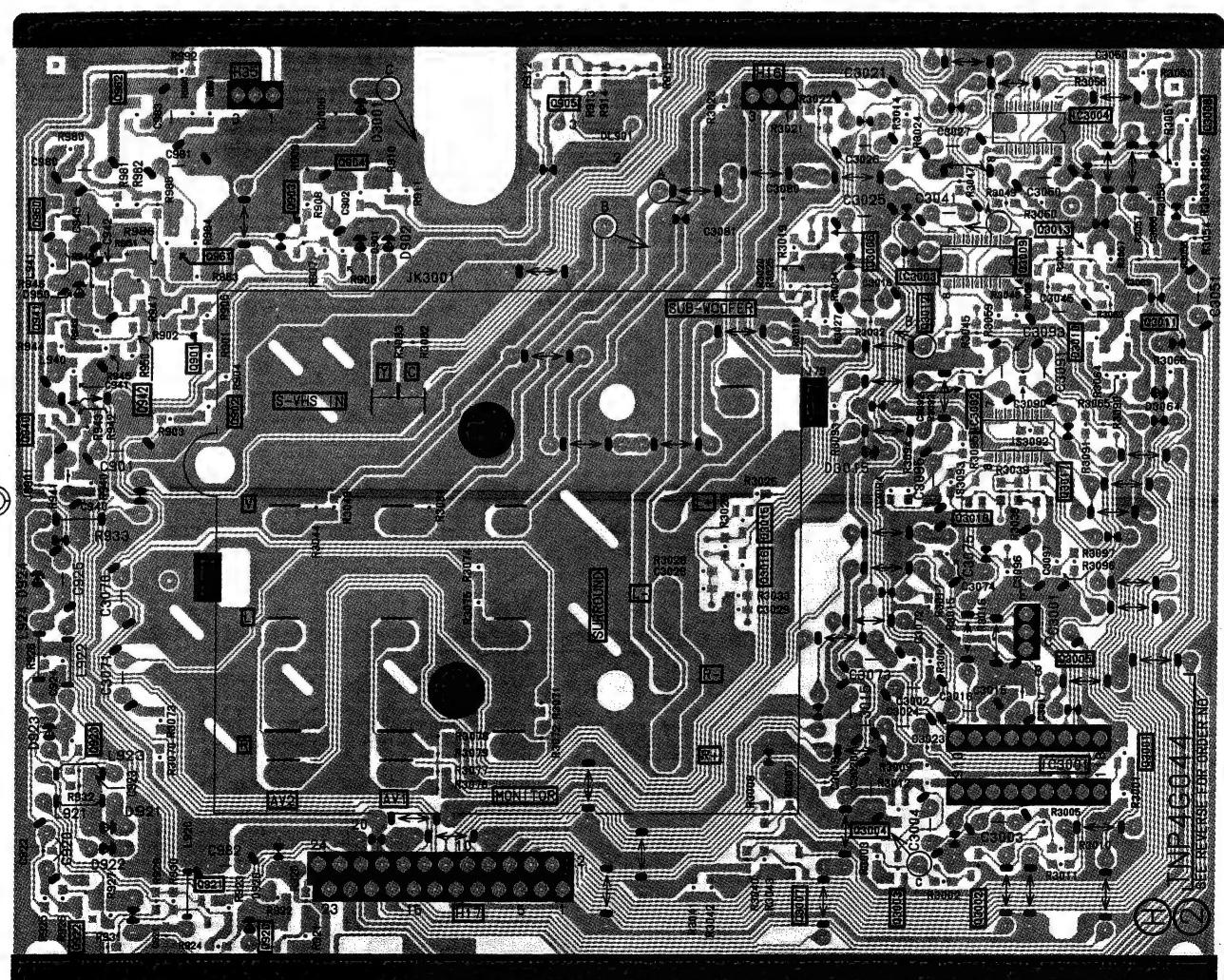


**H-BOARD**  
**TNP4G044AJ**

## PARTS LOCATION

H-BOARD		
IC		
IC3001	D-1	Q960
IC3002	D-3	Q961
IC3003	D-3	Q962
IC3004	D-4	Q3001
		Q3002
		Q3003
		Q3004
		Q3005
		Q3006
		Q3007
		Q3008
		Q3010
		Q3011
		Q3012
		Q3013
		Q3015
		Q3016
		Q3017
		Q3018
		A-3
		A-3
		A-4
		E-1
		D-1
		D-2
		D-3
		C-1
		E-4
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		D-3
		C-3
		C-3
		D-2
		D-2

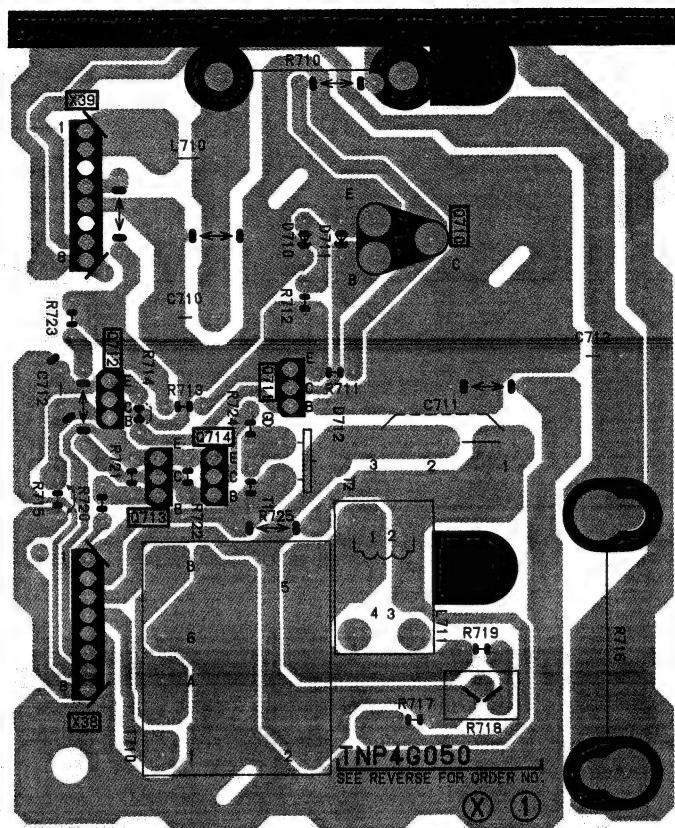
## ADDRESS INFORMATION



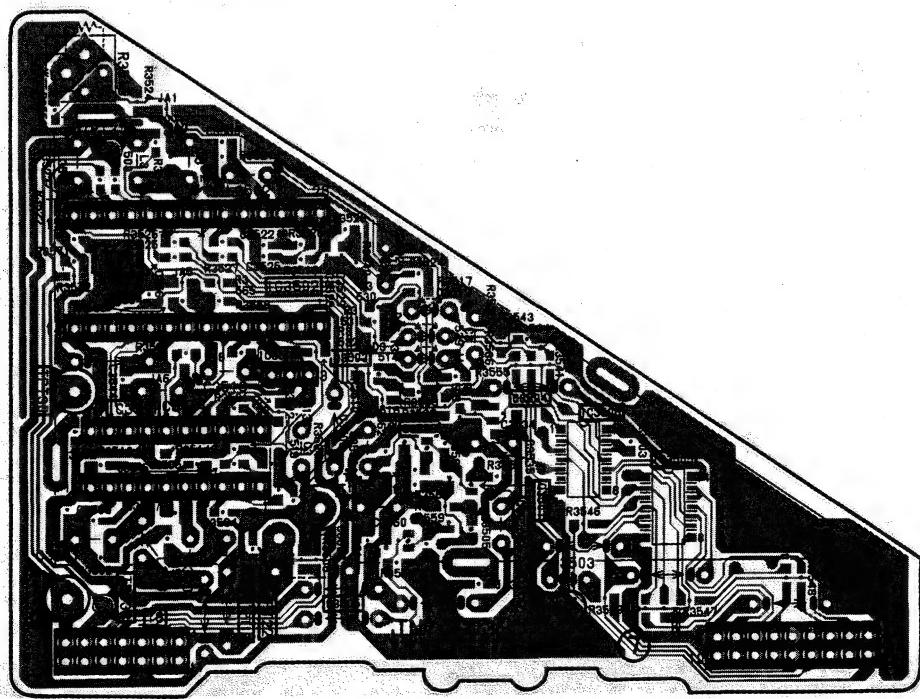
A      B      C      D      E

**TC-25L10R / TC-2525R / TX-25L10X**

**X-BOARD  
TNP4G050AH**

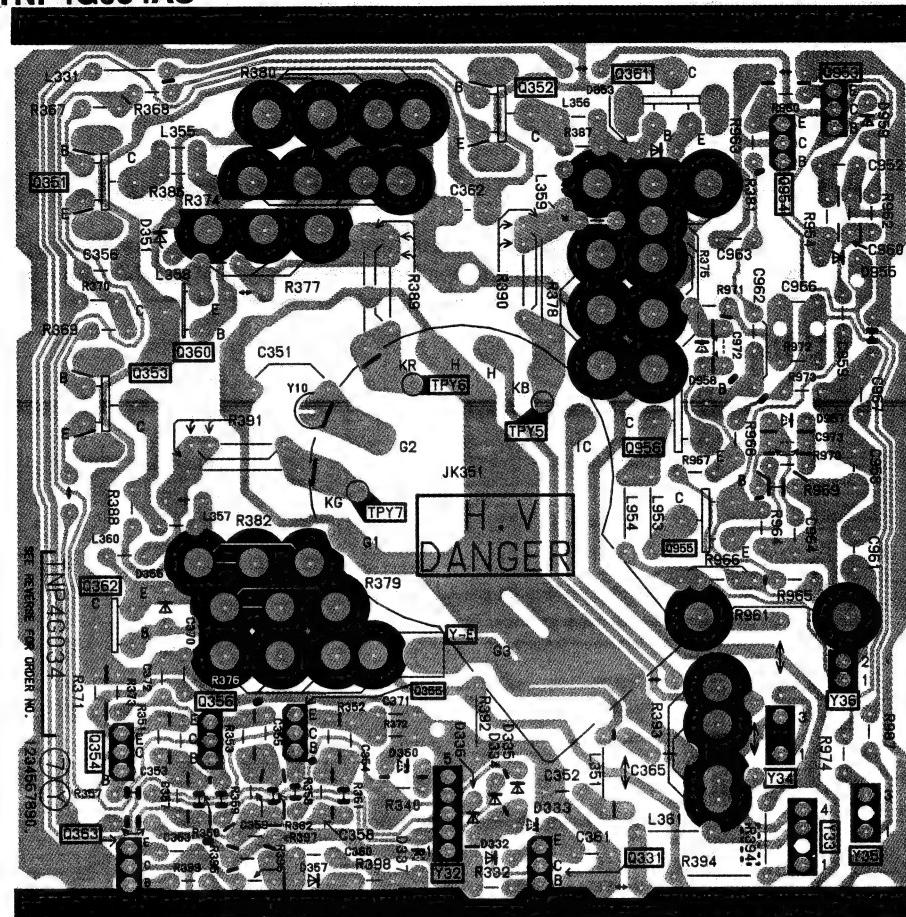


**T-BOARD  
TNP4G039AG (For TX-25L10X)**

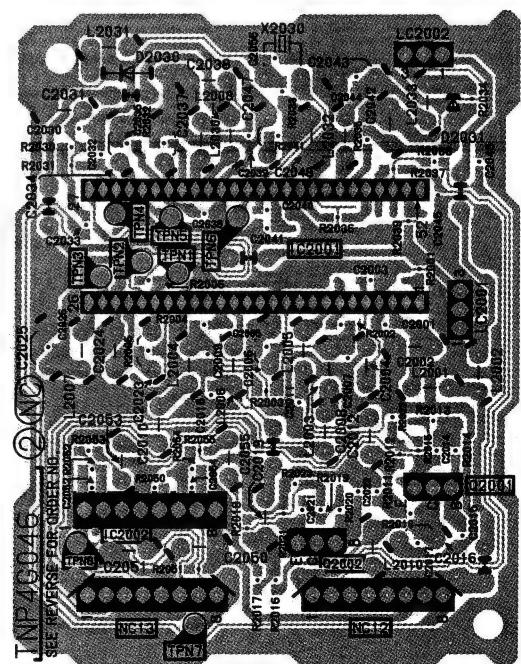
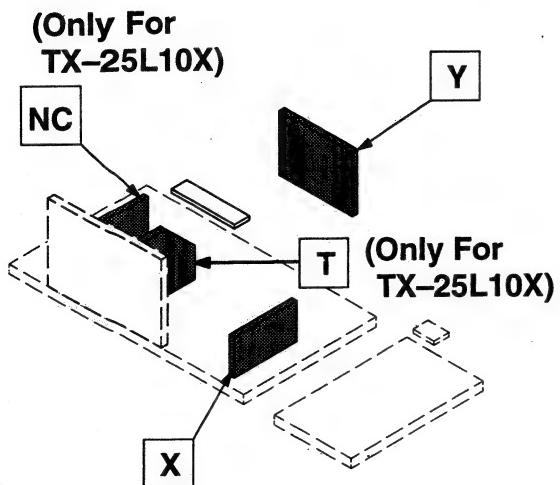


**TC-25L10R / TC-2525R / TX-25L10X**

**Y-BOARD  
TNP4G034AS**



**NC-BOARD  
TNP4G046AD  
(For TX-25L10X)**



A

B

C

D

E

# Schematic Diagram

## Important Safety Notice

Components identified by  $\triangle$  mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

### Notes :

#### 3. Resistor

All resistors are carbon 1.4W resistor, unless marked as follows:

Unit of resistance is OHM [  $\Omega$  ] ( K=1.000 . M=1.000.000 ).

- : Nonflammable
- △ : Solid
- : Wire Wound

- ⊗ : Metal Oxide
- ◎ : Metal Film
- ⊗⊗ : Fuse

#### 4. Capacitor

All capacitors are ceramic 50V capacitor, unless marked as follows:

Unit of capacitance is  $\mu F$ , unless otherwise noted.

- ⊗ : Temperature Compensation
- (M) : Polyester
- (m) : Metallized Polyester
- ⊗ : Polypropylene

- + - : Electrolytic
- NP : Bipolar
- (T) : Dipped Tantalum
- (Z) : Z-Type

#### 5. Coil

Unit of inductance is  $\mu H$ , unless otherwise noted.

#### 6. Test Point

- : Test Point position

#### 7. Earth Symbol

- ||| : Chassis Earth ( Cold )

- ↓ : Line Earth ( Hot )

#### 8. Voltage Measurement

Voltage is measured by a DC voltmeter.

Conditions of the measurement are the following:

- Power Source ..... AC 220V, 50Hz
- Receiving Signal ..... Colour Bar signal ( RF )
- All customer's controls ..... Maximum positions

#### 9. Number in red circle indicates waveform number.

( See waveform pattern table. )

#### 10. When arrow mark ( → ) is found, connection is easily found from the direction of arrow.

#### 11. → indicates the major signal flow.

#### 12. This schematic diagram is the latest at the time of printing and subject to change without notice.

### Remarks :

#### 1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.

The circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions.

All circuits, except the Power Circuit, are cold.

##### Precautions

- a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
- b. Do not short-circuit the hot and cold circuits or a fuse may blow and parts may break.
- c. Do not connect an instrument, such as an oscilloscope, to the hot and cold

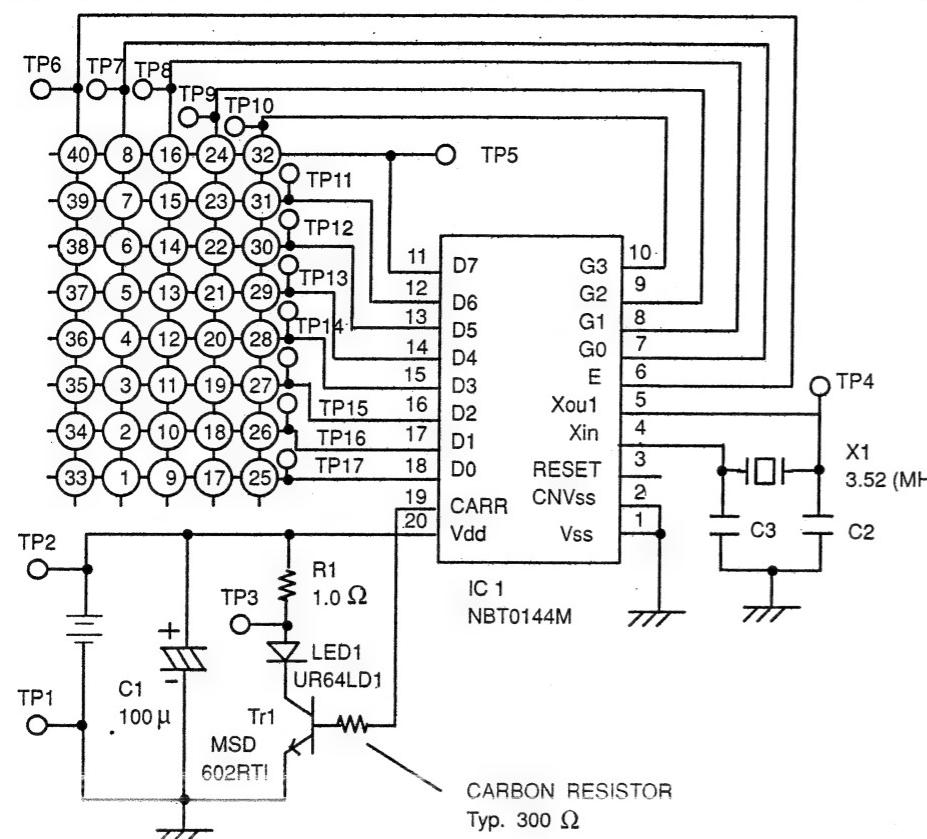
circuits simultaneously or a fuse may blow.  
Connect the earth of instruments to the earth connection of the circuit being measured.

- d. Make sure to disconnect the power plug before removing the chassis.

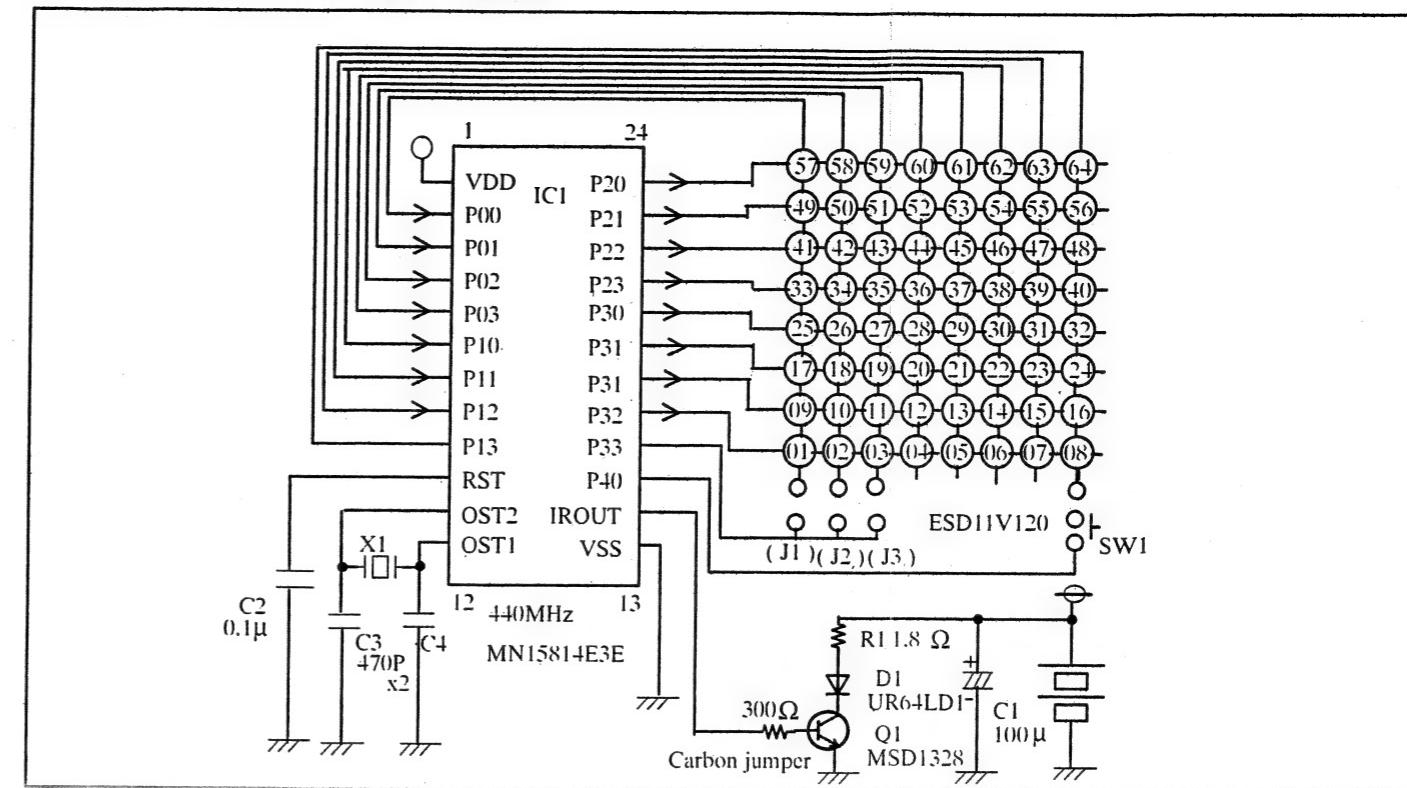
#### 2. Following diodes are interchangeable.

MA150 - MA162 ( Replacement part )

## Remote Controller EUR644661



## Remote Controller EUR51973



## Key Function Table

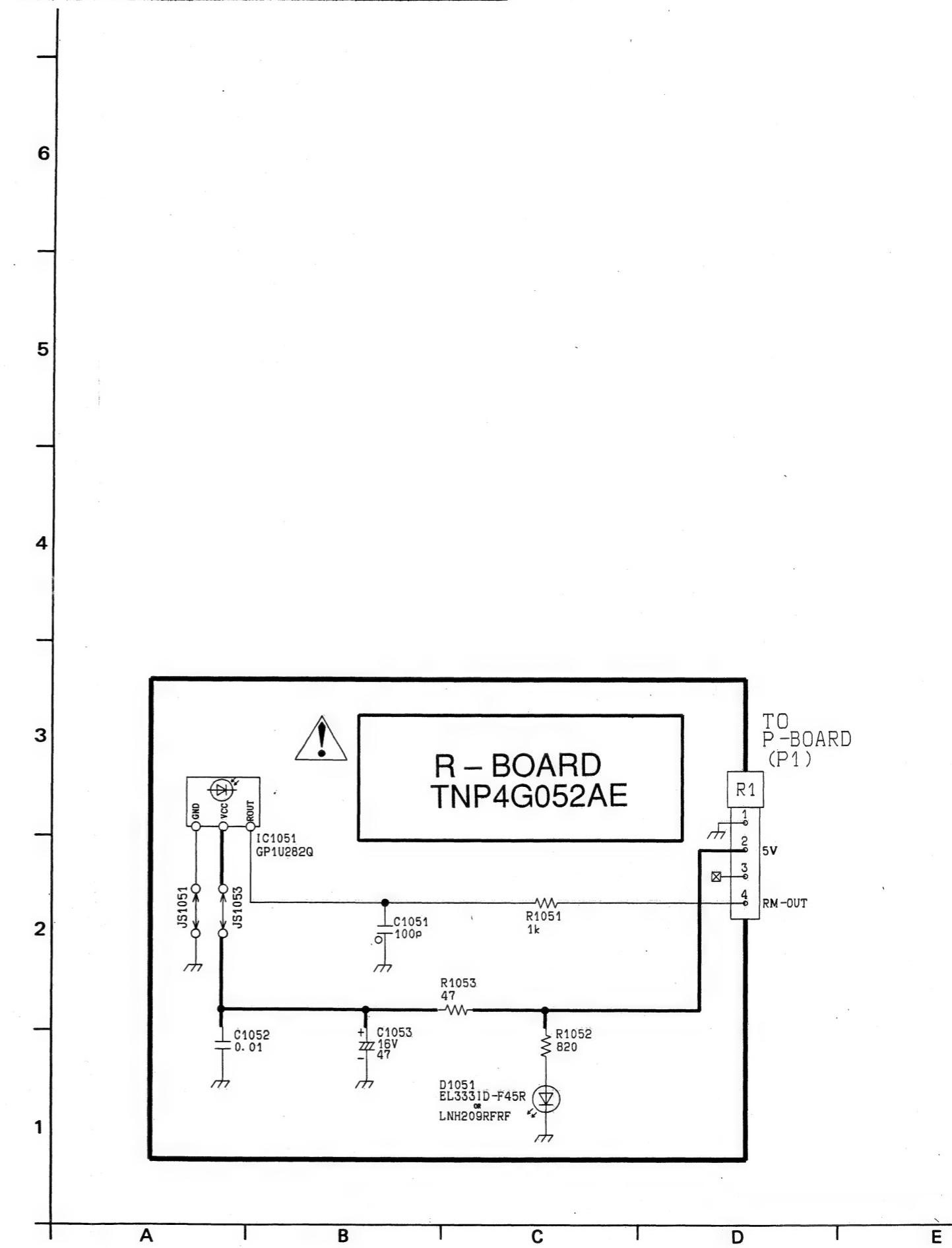
Key No.	Function	Key No.	Function	Key No.	Function
1	⊕	15	8	29	^
2	⊖/▽ I/II	16	0	30	▽
3	GAME	17	S	31	+
4	N	18	REC •	32	-
5	⊕	19	▷▷	33	MENU S
6	SURROUND	20	▷▷	34	VCR ⊕
7	✖	21	3	35	◀◀
8	TV / AV	22	6	36	▷▷
9	MENU P	23	9	37	1
10	REC •	24	-/-	38	4
11	▷	25	P	39	7
12	□	26	—	40	□
13	2	27	^		
14	5	28	▽		

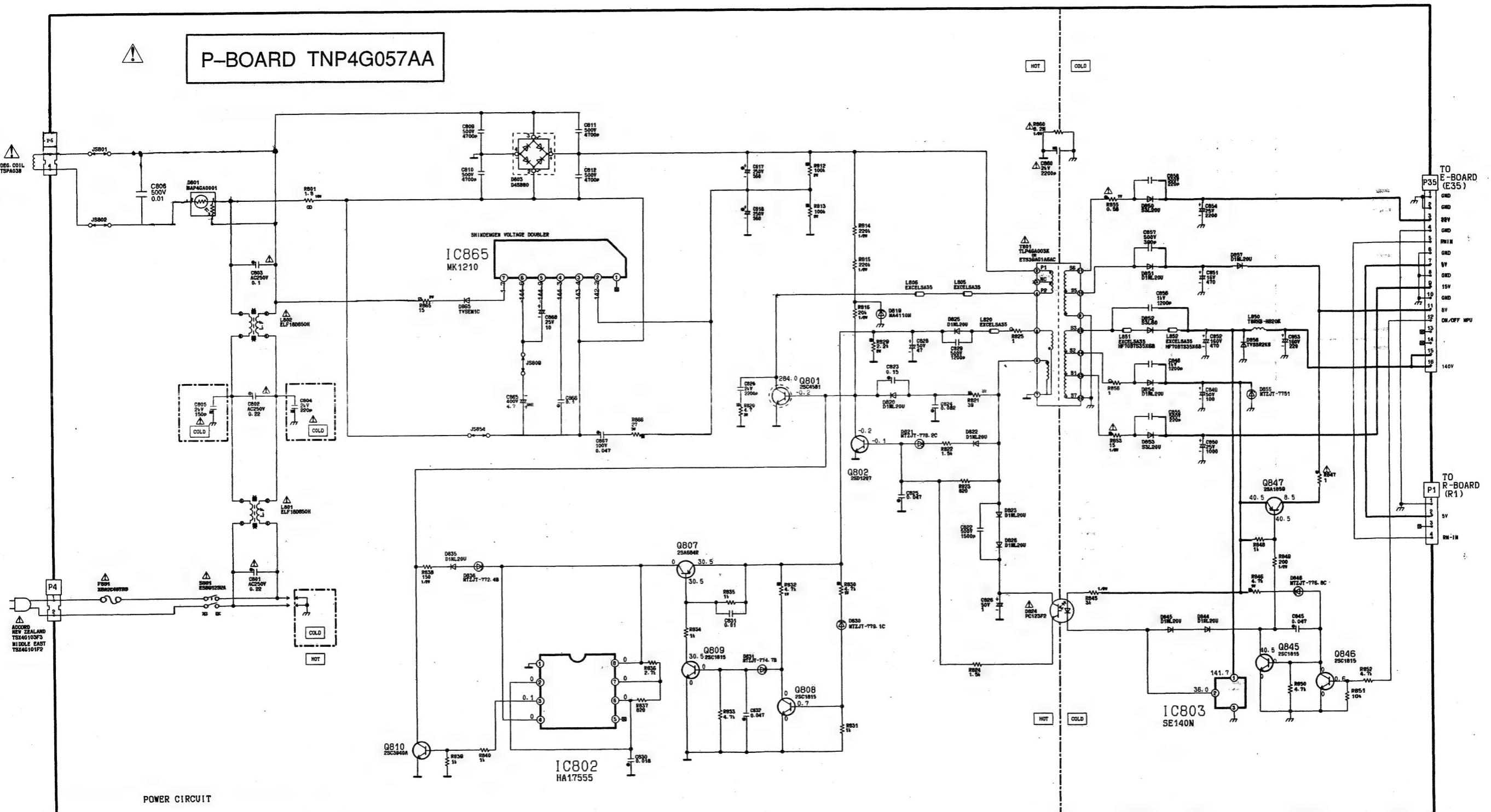
## Key Function Table

Key No.	Function	Key No.	Function	Key No.	Function
1	POWER ON / OFF	22	INDEX	43	PICTURE MENU
2	1	23	YELLOW	44	
3	4	24	VCR STOP	45	N (NORMAL)
4	7	25	TV / AV	46	
5	RECAL	26	POS UP	47	S
6	TEXT / TV	27	POS DOWN	48	*
7	RED	28	VOL UP	49	SOUND MENU
8	VCR REV	29	VOL DOWN	50	OFF TIMER
9	GAME	30	HOLD	51	A / B (ST / MONO)
10	2	31	CYAN	52	SURROUND
11	5	32	VCR F.F	53	A1
12	8	33	VCR POWER	54	*
13	0	34	VCR TV / VCR	55	*
14	F / T / B	35	VCR PAUSE	56	*
15	GREEN	36	VCR ADVANCE	57	*
16	VCR PLAY	37	VCR REC	58	*
17	MUTE	38	(37 + 38) P	59	*
18	3	39	VCR CH UP	60	*
19	6	40	VCR CH DOWN	61	*
20	9	41	P	62	MULTI WINDOW
21	2 DIGIT	42	*	63	STROBE
				64	AUTO ASPECT

**TC-25L10R / TC-2525R / TX-25L10X**

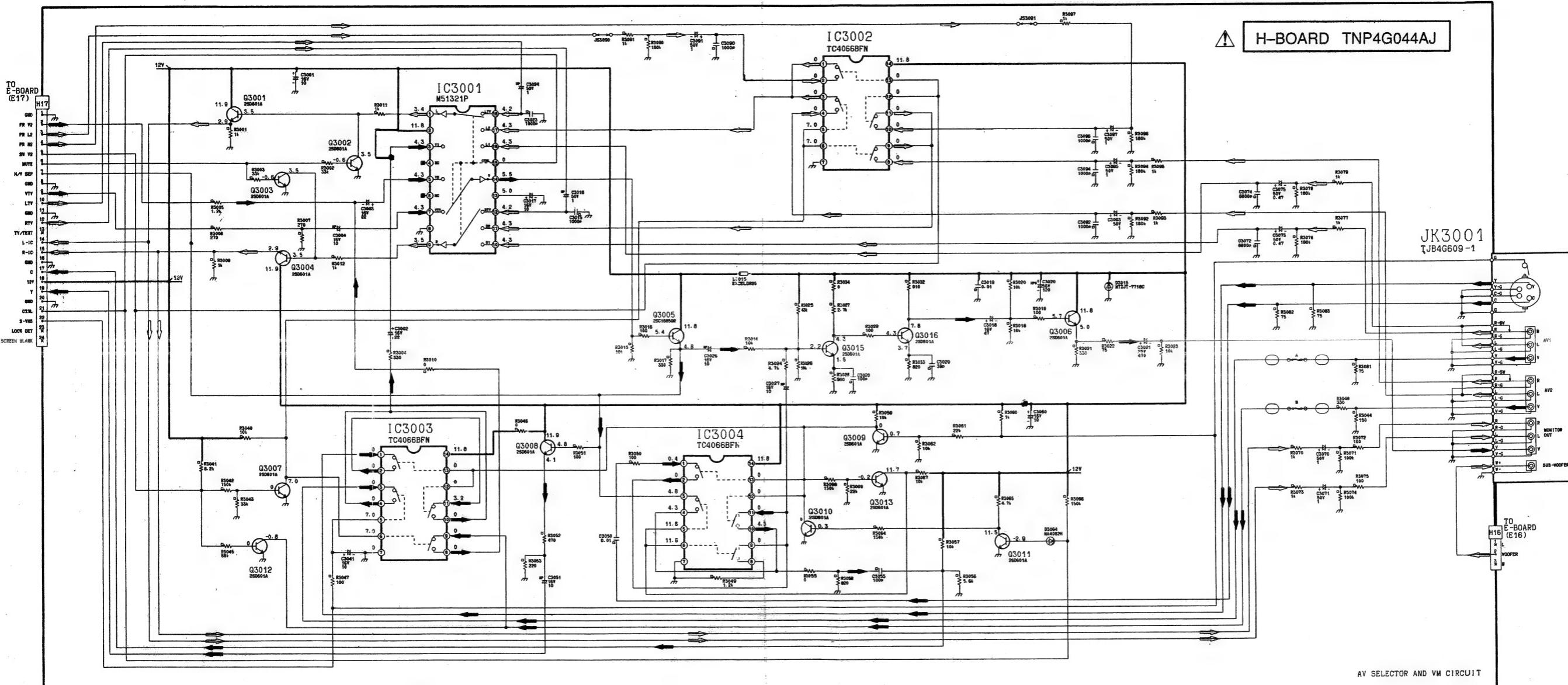
**Memo :**





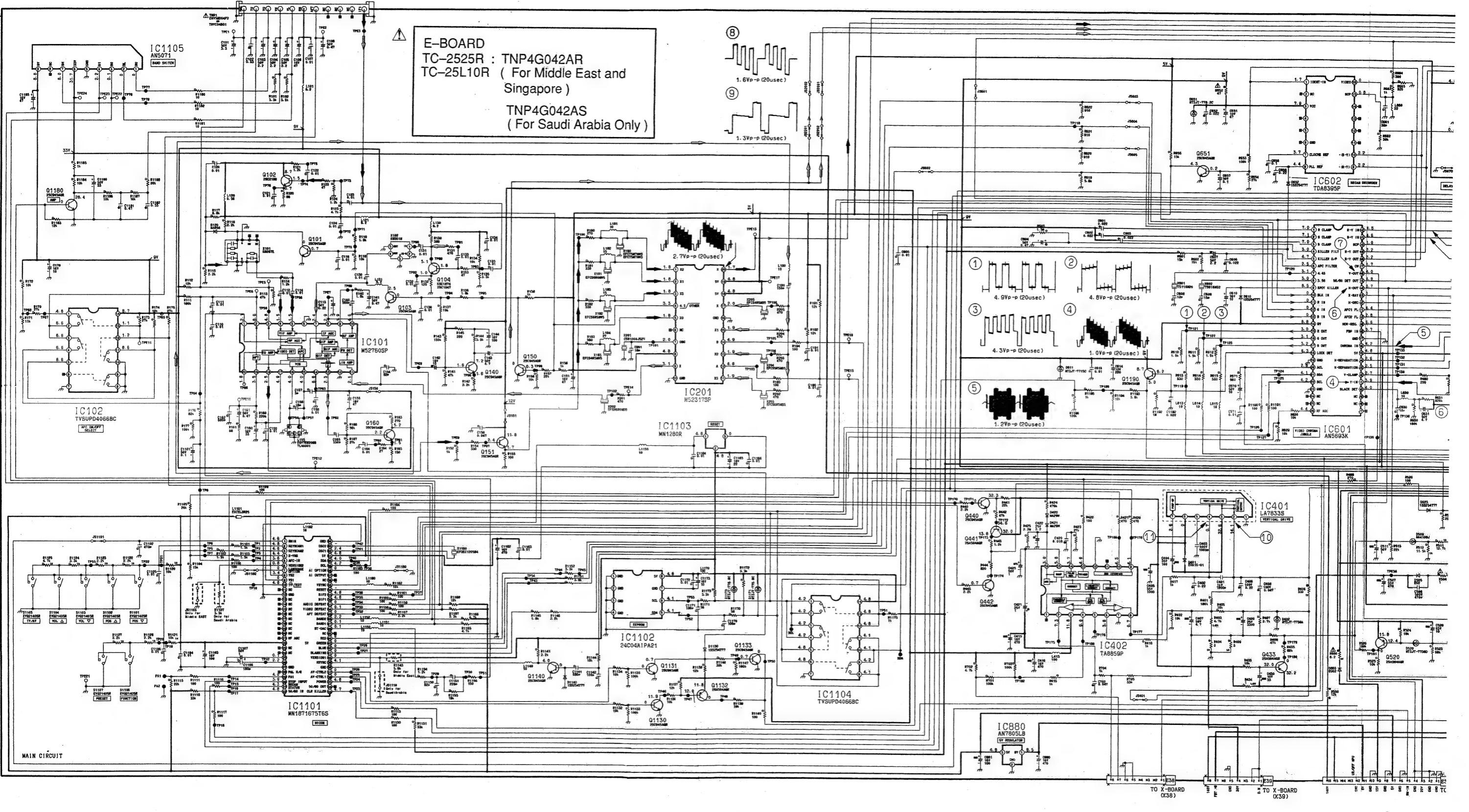
**TC-25L10R / TC-2525R / TX-25L10X**

**TC-25L10R / TC-2525R / TX-25L10X**



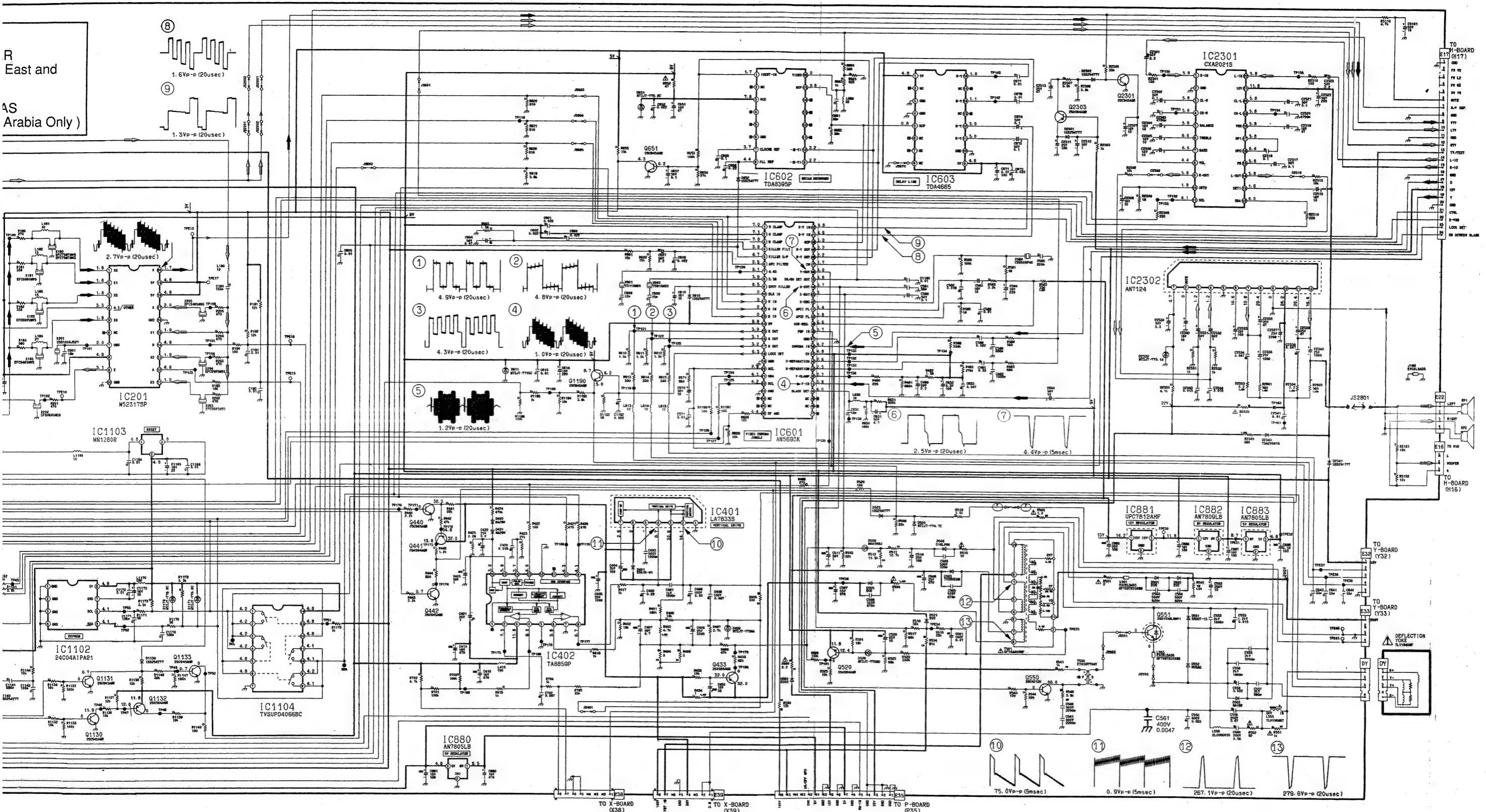
A      B      C      D      E      F      G      H      I

**P-Board / H-Board**



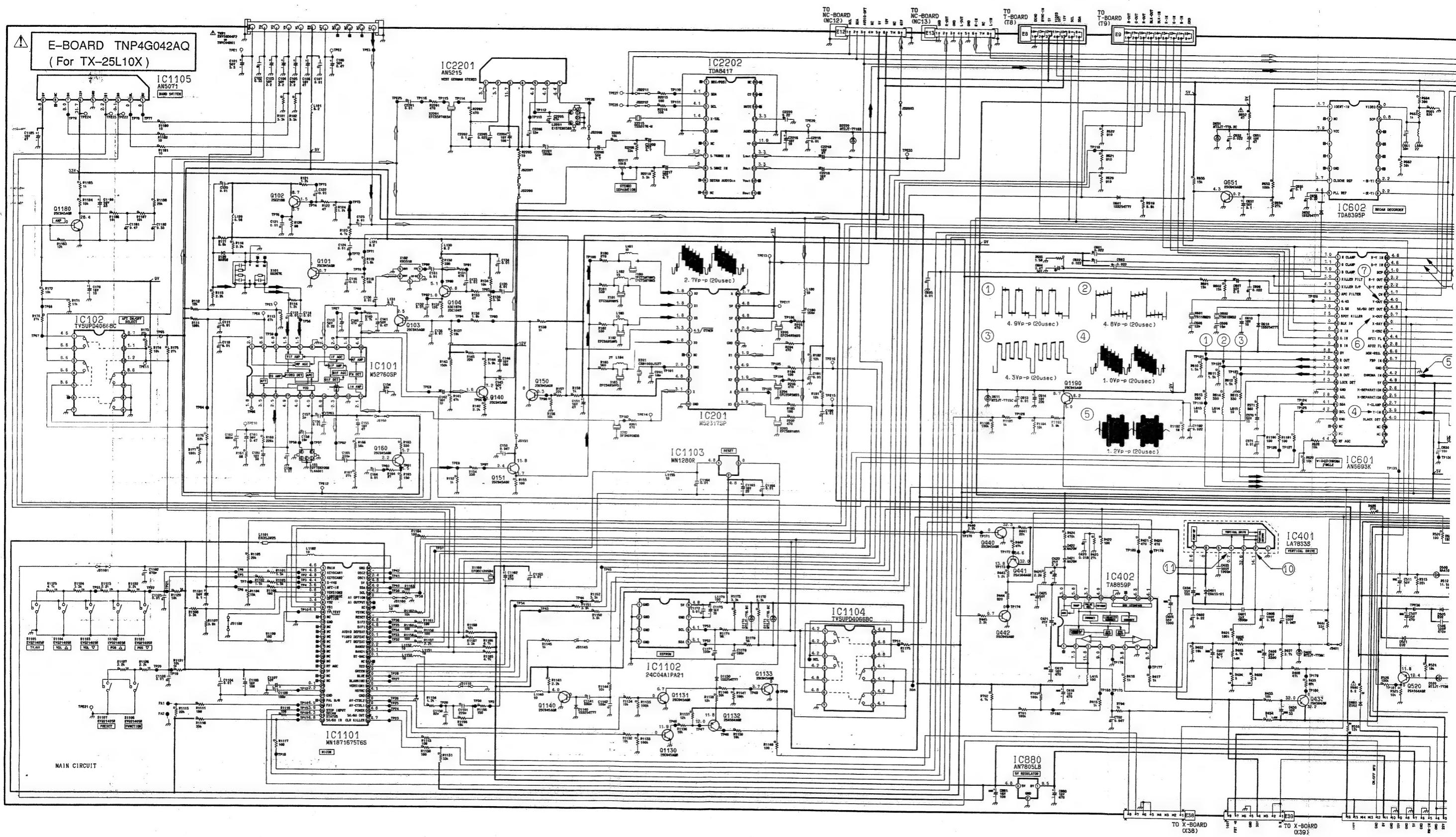


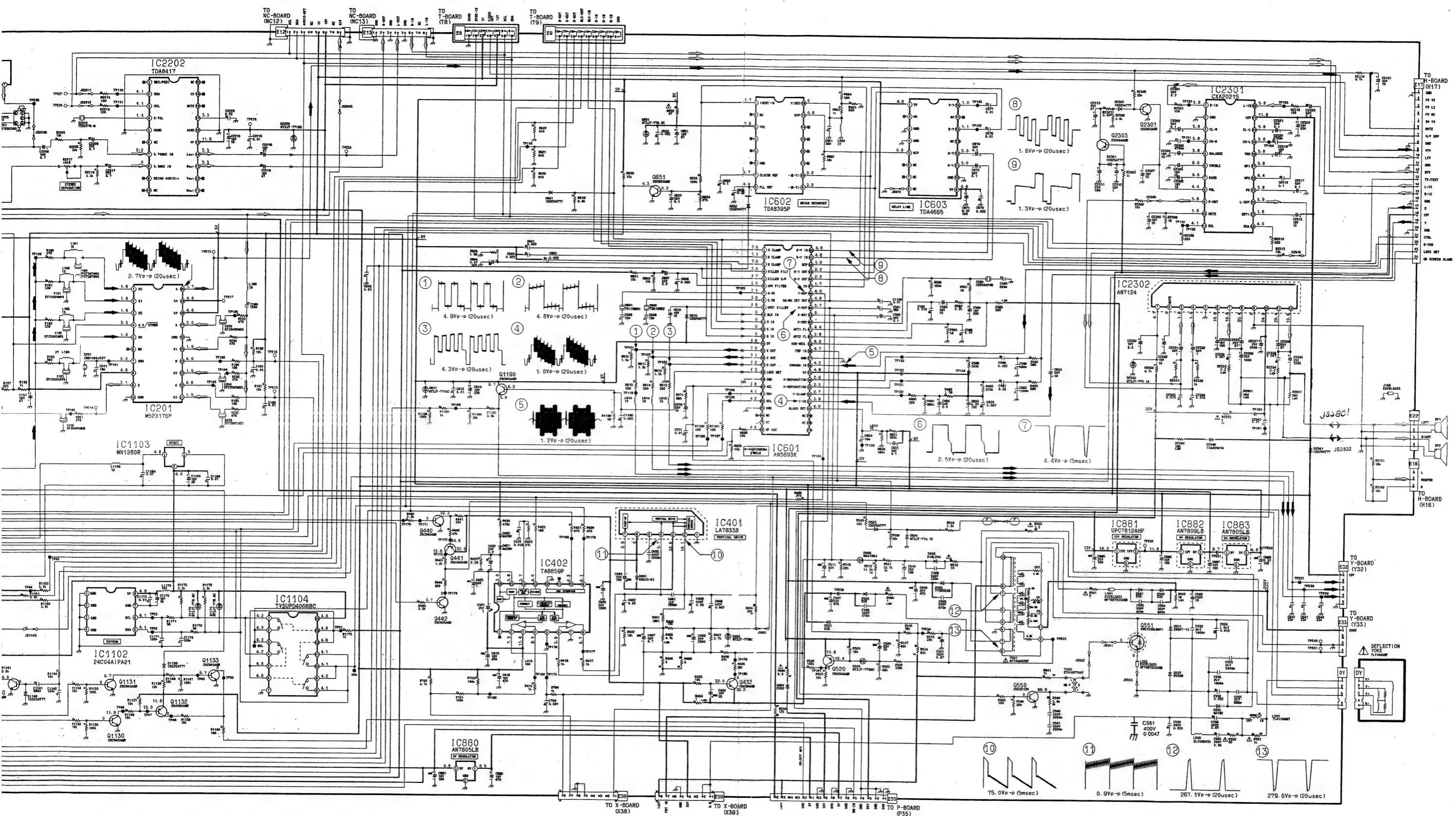
R  
East and  
AS  
Arabia Only )



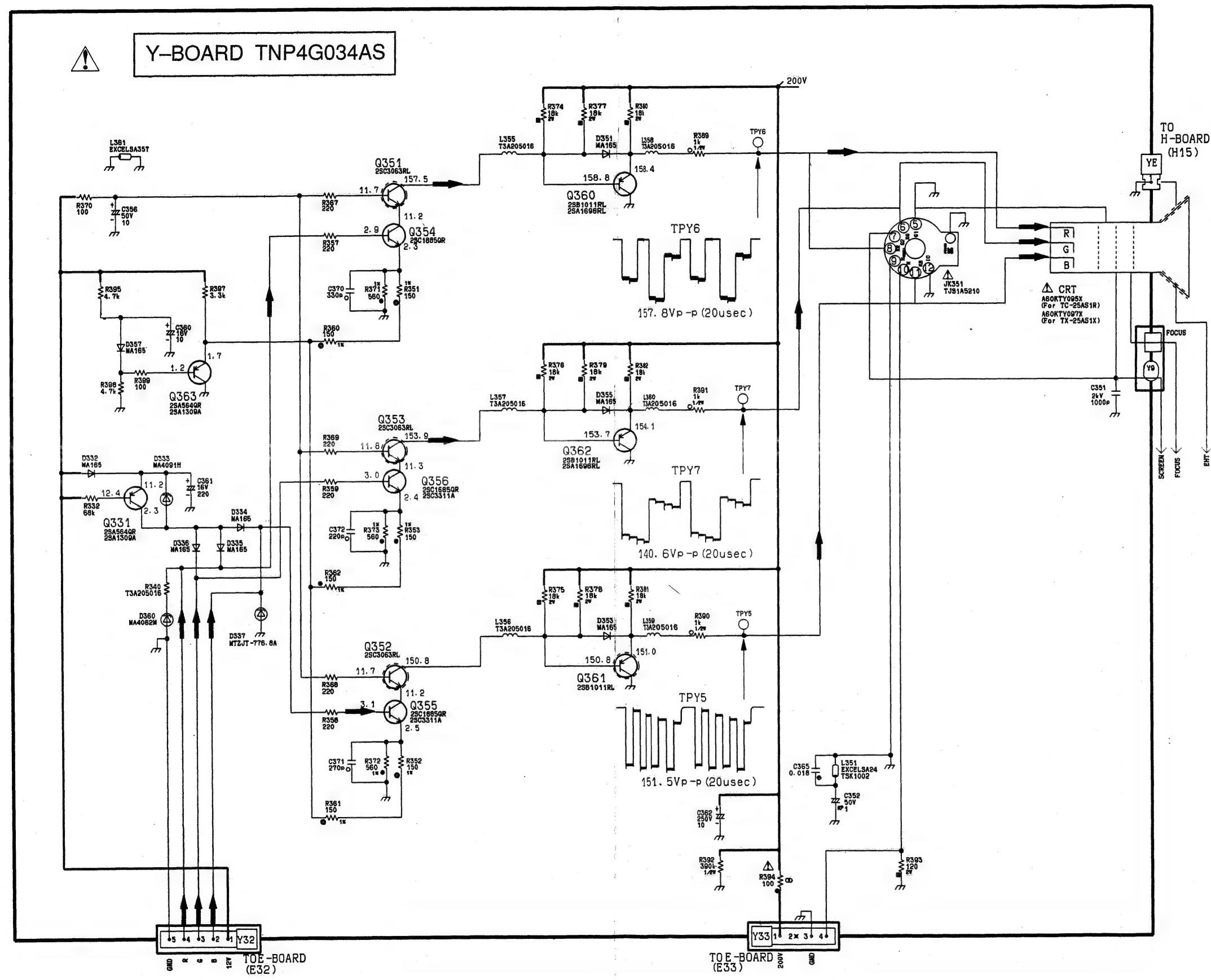
E F G H I J K L M N

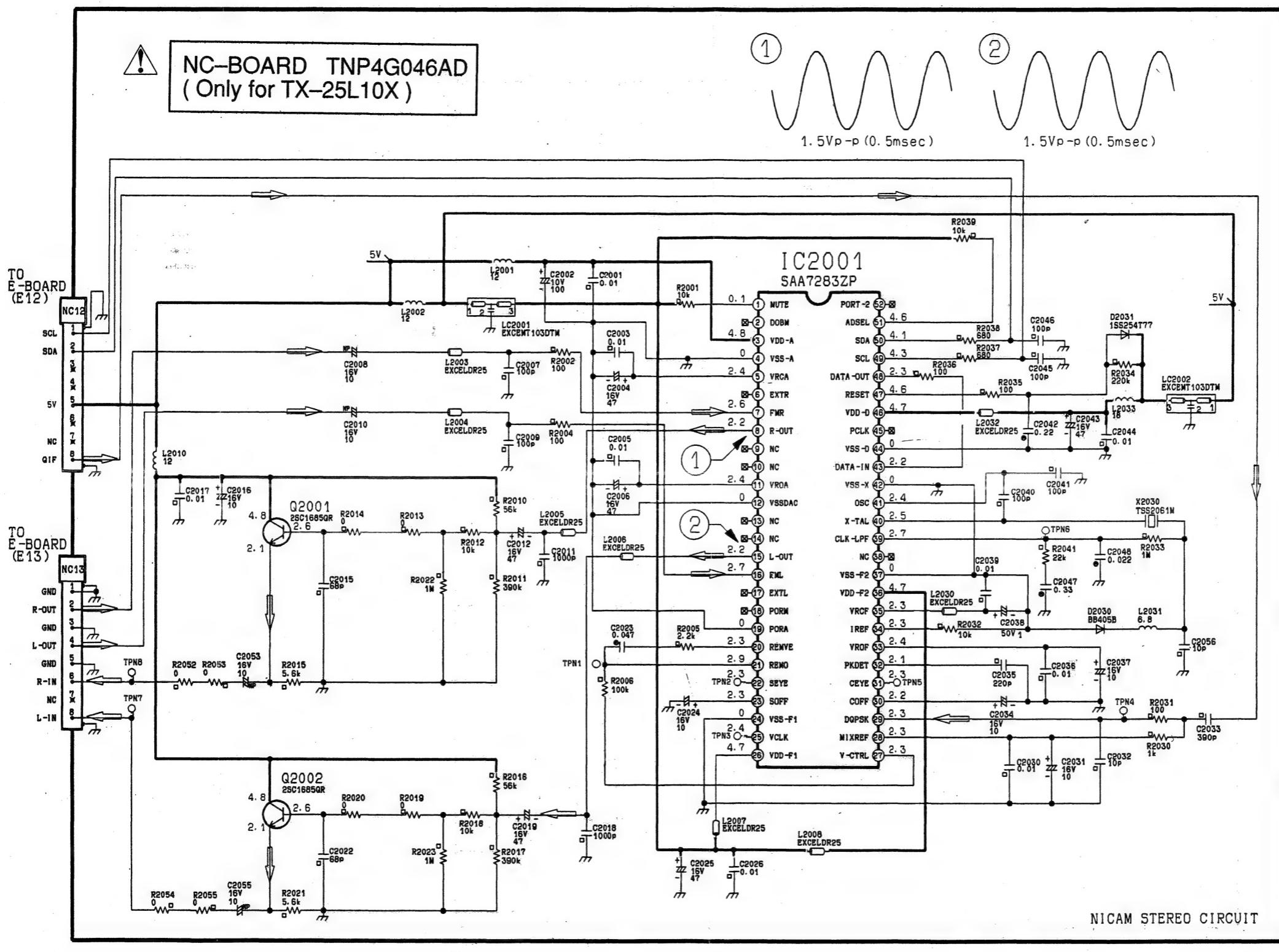
E-Board / E-Board





E F G H I J K L M N



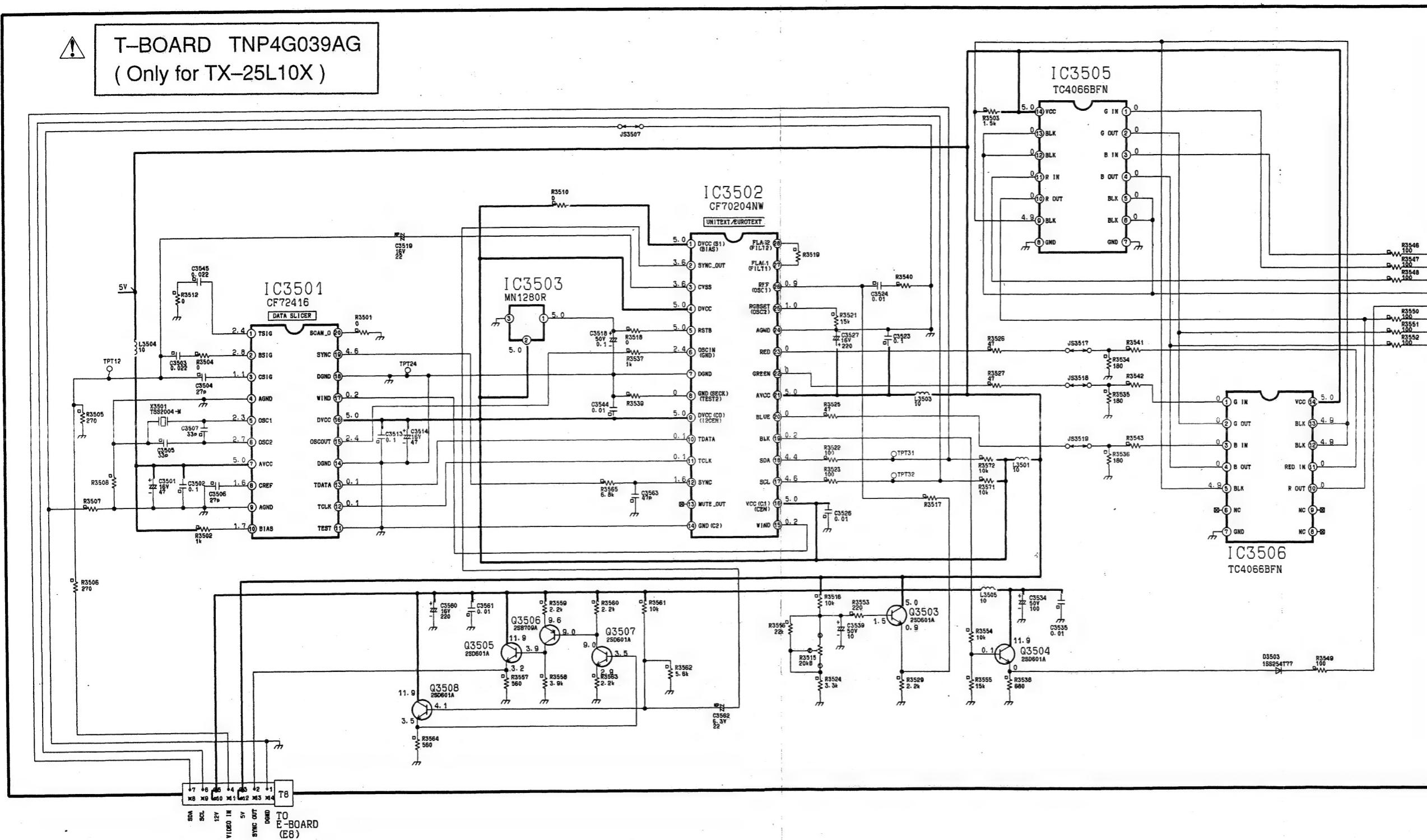


A      B      C      D      E      F      G      H      I      J

Y-Board / NC-Board



**T-BOARD TNP4G039AG**  
(Only for TX-25L10X)



TO  
E-BOARD  
(E38)

X38

GND

GND

6

5

4

3

2

1

T9

TO  
E-BOARD  
(E9)

BLUE IN

GREEN IN

RED IN

BLK IN

5

4

3

2

1

TO  
E-BOARD  
(E39)

X39

D.M

NC

30V

GND

NC

FBT +B

140V

8

GND

9

10

11

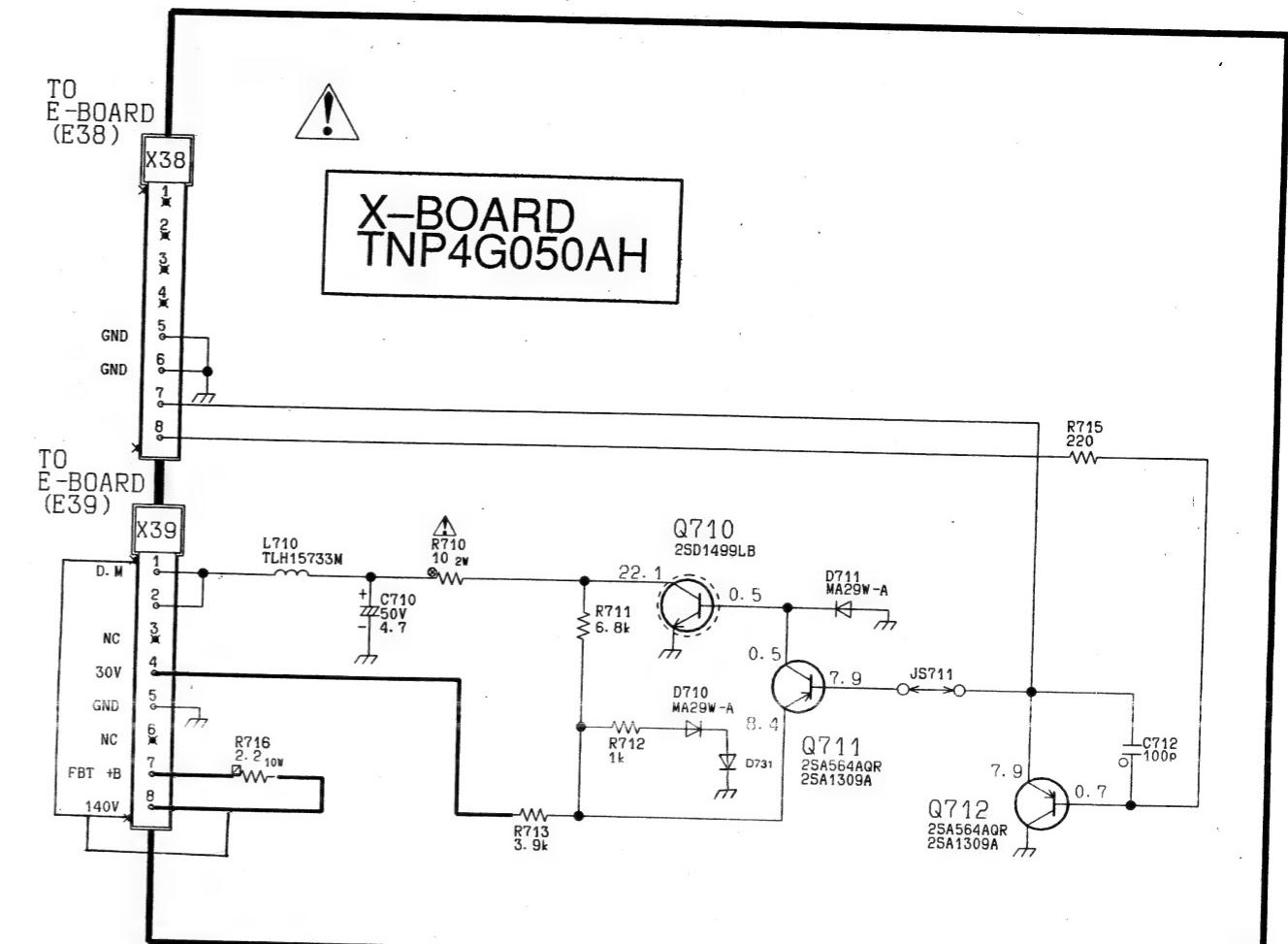
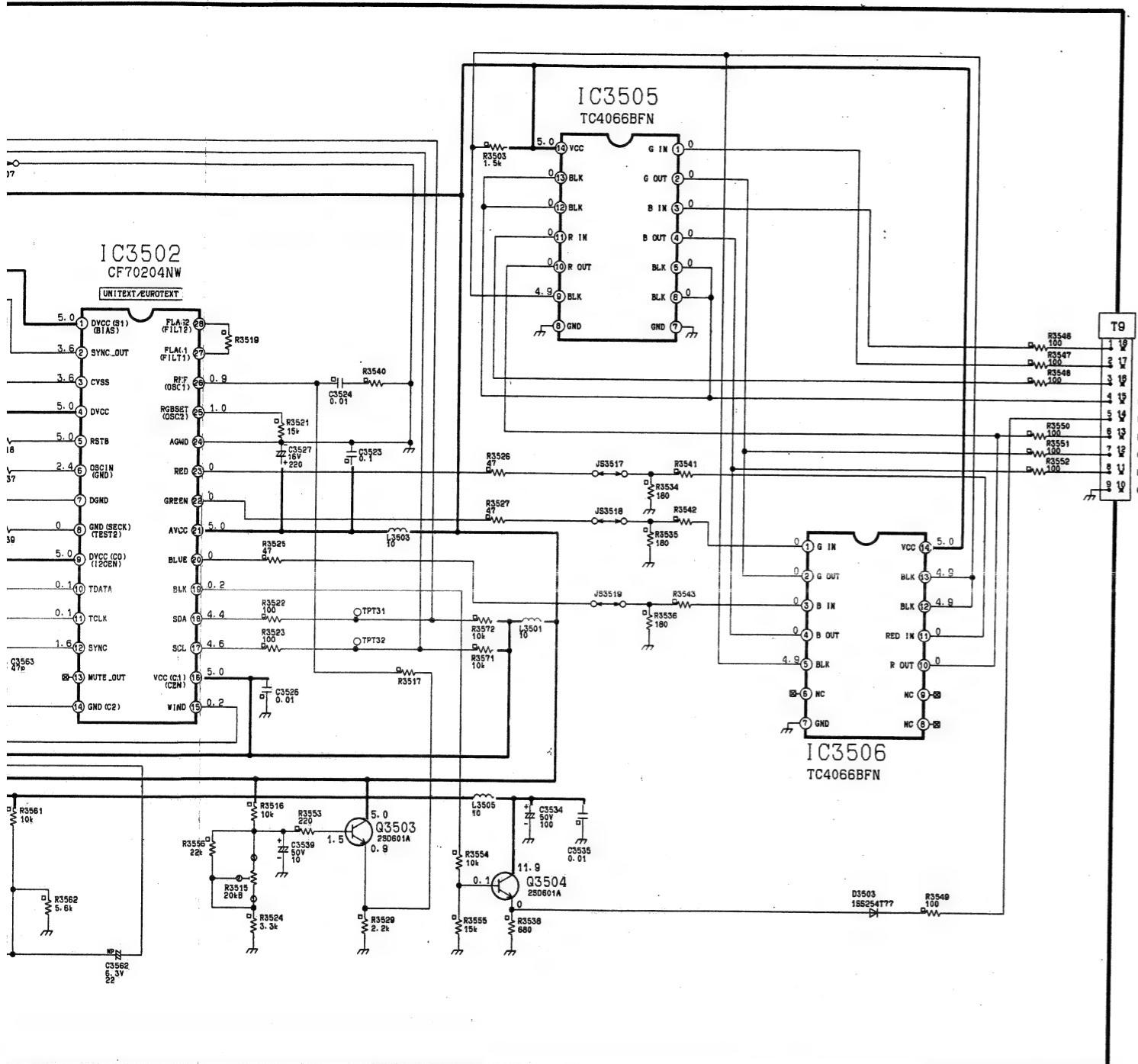
12

13

14

15



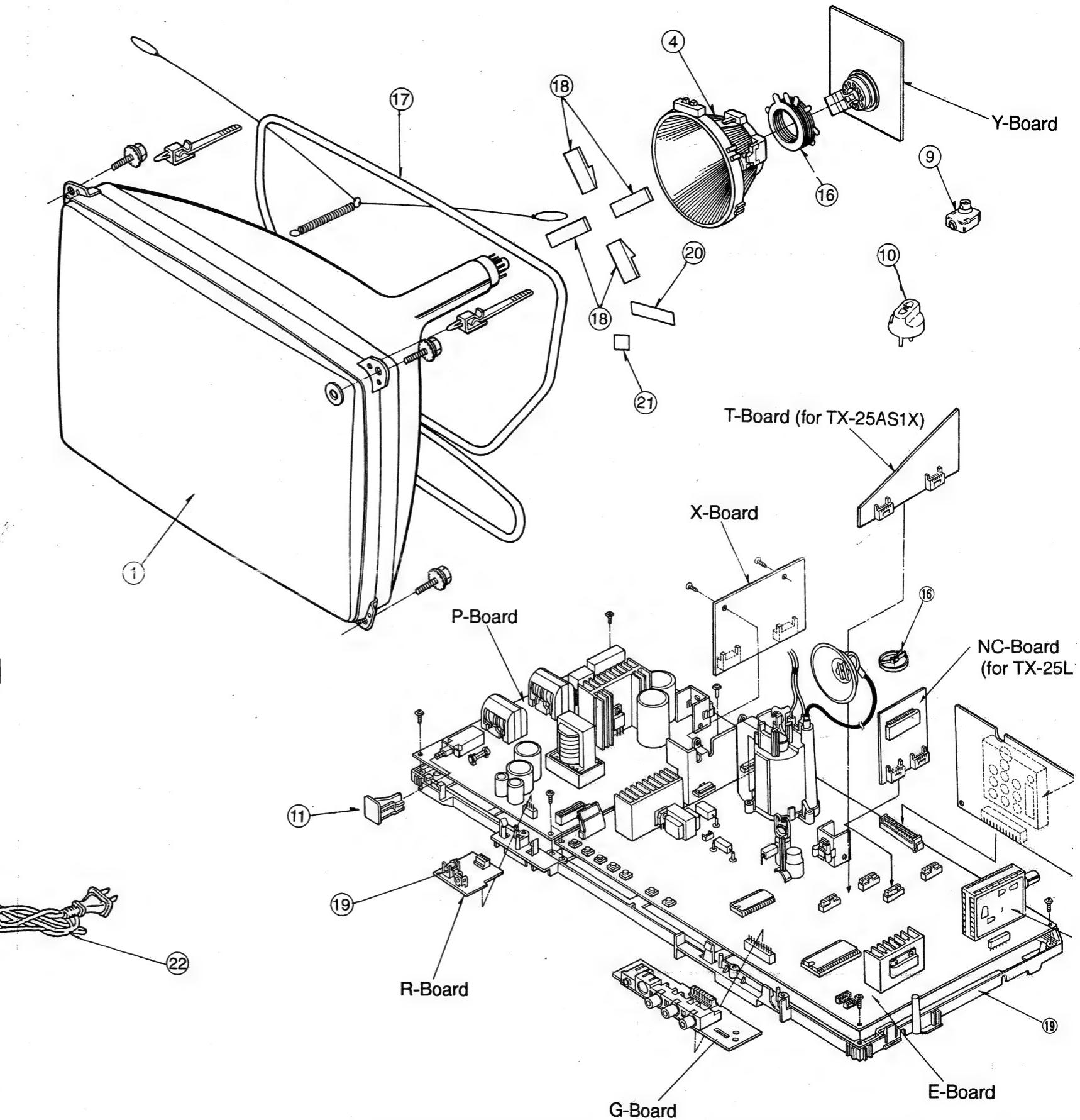
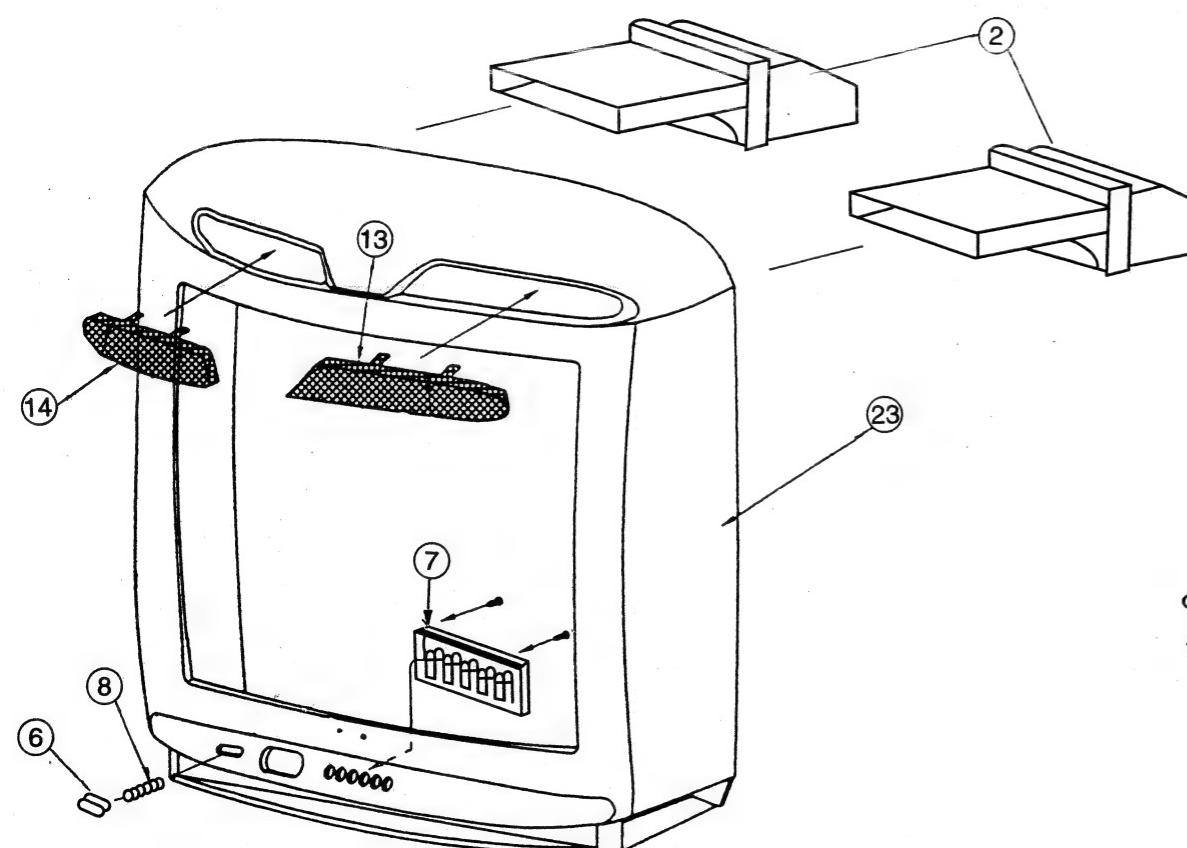


E F G H I J K L M N

T,X-Boards / PARTS LOCATION

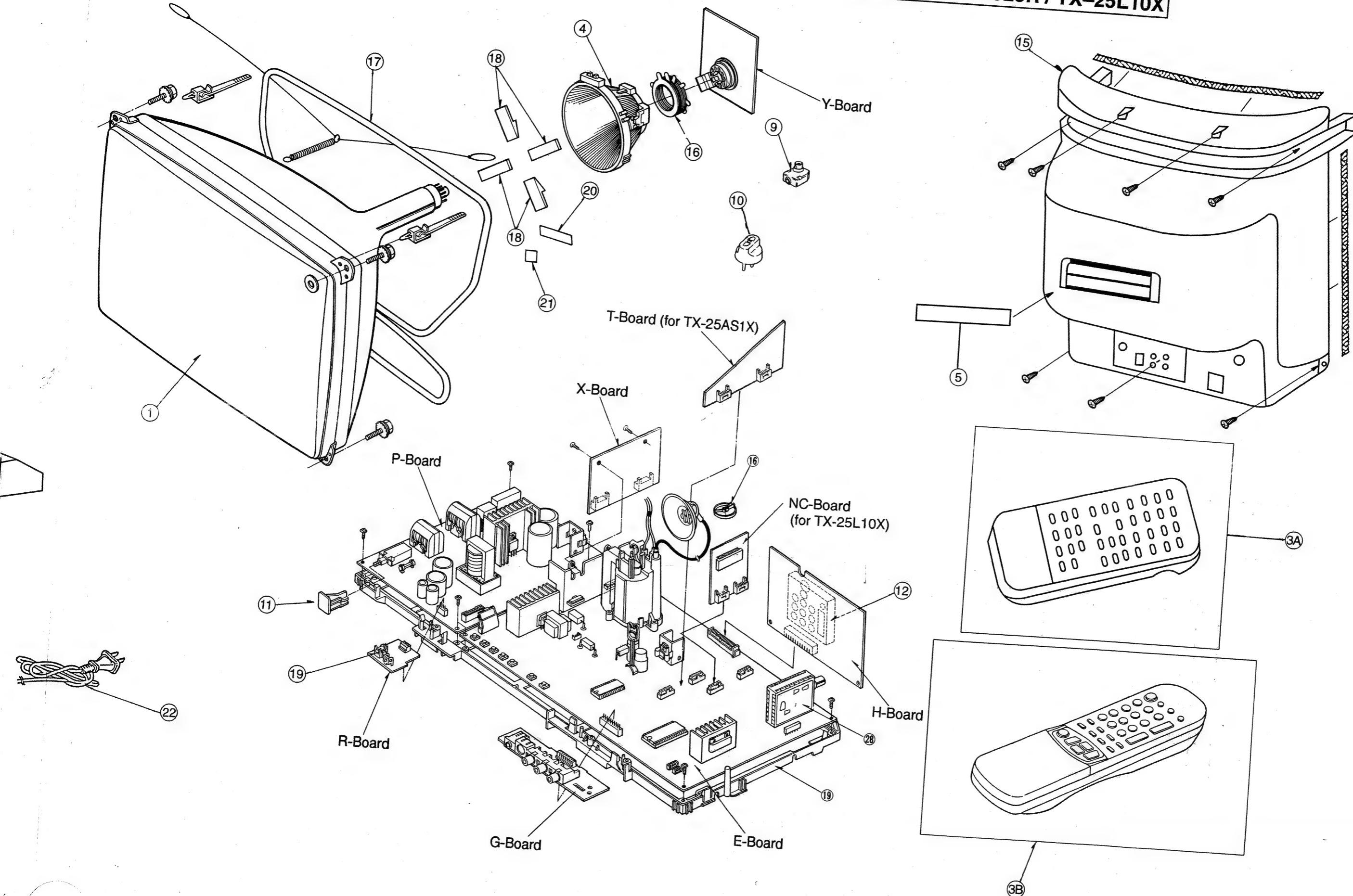
## PARTS LOCATION & MECHANICAL REPLACEMENT PARTS LIST

**Note:** The number on mechanical parts indicates Ref. No.  
Mechanical Replacement Parts List.



TC-25L10R / TC-2525R / TX-25L10X

TC-25L10R / TC-2525R / TX-25L10X



**TC-25L10R / TC-2525R / TX-25L10X**

Ref.No.	Part No.	Description
<b>MECHANICAL PARTS (TC-25L10R/TC-2525R)</b>		
1	A59KPR84X(O)	PICTURE TUBE MTV
1	A59KPR84X	PICTURE TUBE MTV
2	EAGG1251A2	DOME SPEAKER MTV
3A	EUR644661	REMOTE CONT. TRANS. MTV
4	KDY4QL589F	DEFLECTION YOKE MTV
5	TBM4G0265	MODEL NAME PLATE MTV
5	TBM4G0266	MODEL NAME PLATE MTV
6	TBX4G82600-1	POWER BUTTON MTV
7	TBX4G82700	7 KEY BUTTON MTV
8	TES4G204	SPRING
9	TJB1726400	ADAPTOR (Middle East) MTV
10	TJS2A8420	AC PLUG ADAPTOR (Middle East)
11	TKK4G8514	POWER SWITCH SHAFT MTV
12	TKP4G10900	REAR AV BRACKET
13	TKP4G50121	SP PUNCHING PANEL (R) MTV
14	TKP4G50131	SP PUNCHING PANEL (L) MTV
15	TKU4G4500-1	BACK COVER MTV
16	TLC2090	CONVERGENCE YOKE MTV
17	TLK4G9010A	DEGAUSSING COIL MTV
18	TMM27523	DY WEDGE
19	TMW4G705	LED HOLDER
NLA	TNP4G034AS	Y BOARD MTV
NLA	TNP4G042AR	E BOARD MTV (SINGAPORE/KUWAIT/UAE)
NLA	TNP4G042AS	E BOARD MTV (SAUDI ARABIA)
NLA	TNP4G044AJ	H BOARD MTV
NLA	TNP4G050AH	X BOARD MTV
NLA	TNP4G052AE	R BOARD MTV
NLA	TNP4G057AA	P BOARD MTV
	TPC4G41603	CARTON (Singapore) MTV
	TPC4G41604	CARTON (Middle East) MTV
	TPD4G1020	CUSHION (TOP) MTV
	TPE4G14003	LAMI BAG MTV
	TPE4G14027	SET COVER MTV
	TQB4G1234	FAN BAG MTV (SAUDI ARABIA)
	TQB4G1235	FAN BAG MTV (SINGAPORE)
	TQB4G1240	FAN BAG MTV (KUWAIT/UAE)
20	TSM10032-3	MAGNET
21	TSN63115-4	PURITY MAGNET MTV
22	TSX4G5132-2	AC POWER CORD MTV
23	TXFKY01EK2S	CABINET ASSY MTV
	TXFPD02EK2S	CUSHION (BOTTOM) MTV

Ref.No.	Part No.	Description
22	TSX4G5132-2	AC POWER CORD MTV
22	TSX4G5128-2	AC POWER CORD MTV
23	TXFKY01EJ2S	CABINET ASSY MTV
23	TXFKY01EJ2P	CABINET ASSY MTV
	TXFPD02EK2S	CUSHION (BOTTOM) MTV
<b>MECHANICAL PARTS (TX-25L10X)</b>		
1	A59KPR84X(O)	PICTURE TUBE MTV
2	EAGG1251A2	DOME SPEAKER MTV
3B	EUR51973	REMOTE CONT. TRANS. MTV
4	KDY4QL589F	DEFLECTION YOKE MTV
5	TBM4G0263	MODEL NAME PLATE MTV
6	TBX4G82600-1	POWER BUTTON MTV
7	TBX4G82700	7 KEY BUTTON MTV
8	TES4G204	SPRING
11	TKK4G8514	POWER SWITCH SHAFT MTV
12	TKP4G10900	REAR AV BRACKET
13	TKP4G50121	SP PUNCHING PANEL (R) MTV
14	TKP4G50131	SP PUNCHING PANEL (L) MTV
15	TKU4G4500-1	BACK COVER MTV
16	TLC2090	CONVERGENCE YOKE MTV
17	TLK4G9010A	DEGAUSSING COIL MTV
18	TMM27523	DY WEDGE
19	TMW4G705	LED HOLDER
NLA	TNP4G034AS	Y BOARD MTV
NLA	TNP4G039AG	T BOARD MTV
NLA	TNP4G042AQ	E BOARD MTV
NLA	TNP4G044AJ	H BOARD MTV
NLA	TNP4G046AD	NC BOARD MTV
NLA	TNP4G050AH	X BOARD MTV
NLA	TNP4G052AE	R BOARD MTV
NLA	TNP4G057AA	P BOARD MTV
	TPC4G41601	CARTON MTV
	TPD4G1020	CUSHION (TOP) MTV
	TPE4G14003	LAMI BAG MTV
	TPE4G14027	SET COVER MTV
	TQB4G1231	FAN BAG MTV
20	TSM10032-3	MAGNET
21	TSN63115-4	PURITY MAGNET MTV
22	TSX4G5132-2	AC POWER CORD MTV
23	TXFKY01EK2S	CABINET ASSY MTV
	TXFPD02EK2S	CUSHION (BOTTOM) MTV

## **Replacement Parts List**

### **Important Safety Notice**

*Components identified by  $\Delta$  mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.*

**Note :** Printed circuit board assembly with mark "NLA" is no longer available after production discontinuation of the complete set.

Abbreviation of part name and description

#### 1. Resistor

Example :

ERD25TJ104 C 100KOHM, J, 1/4W  
Type                  Allowance

#### 2. Capacitor

Example :

ECKF1H103ZF C 0.01UF, Z, 50V  
Type                  Allowance

Type	Allowance
C : Carbon	F : $\pm 1\%$
F : Fuse	G : $\pm 2\%$
M : Metal Oxide	J : $\pm 5\%$
Metal Film	K : $\pm 10\%$
S : Solid	M : $\pm 20\%$
W : Wire Wound	

Type	Allowance
C : Ceramic	C : $\pm 0.25\text{pF}$
E : Electrolytic	D : $\pm 0.5\text{pF}$
P : Polyester	F : $\pm 1\text{pF}$
Polypropylene	G : $\pm 3\%$
T : Tantalum	J : $\pm 5\%$
	K : $\pm 10\%$
	L : $\pm 15\%$
	M : $\pm 20\%$
	P : + 100%, - 0%
	Z : + 80%, - 20%

## Replacement Parts List

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
<b>RESISTORS</b>					
R101	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	R173	ERJ6GEYJ273	M 27KOHM,J,1/10W
R102	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	R174	ERJ6GEYJ103	M 10KOHM,J,1/10W
R111	ERJ6GEYJ184	M 180KOHM,J,1/10W	R175	ERJ6GEYJ273	M 27KOHM,J,1/10W
R112	ERJ6GEYJ123	M 12KOHM,J,1/10W	R176	ERJ6GEYJ823	M 82KOHM,J,1/10W
R113	ERJ6GEYJ473	M 47KOHM,J,1/10W	R177	ERJ6GEYJ104	M 100KOHM,J,1/10W
R114	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	R180	ERJ6GEYJ271	M 270OHM,J,1/10W
R115	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	R181	ERJ6GEYJ331	M 330OHM,J,1/10W
R116	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	R182	ERJ6GEYJ331	M 330OHM,J,1/10W
R117	ERJ6GEYJ682	M 6.8KOHM,J,1/10W	R183	ERJ6GEYJ561	M 560OHM,J,1/10W
R118	ERJ6GEYJ103	M 10KOHM,J,1/10W	R191	ERJ6GEYJ123	M 12KOHM,J,1/10W
R119	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	R192	ERJ6GEYJ123	M 12KOHM,J,1/10W
R120	ERJ6GEYJ680	M 68OHM,J,1/10W	R193	ERJ6GEYJ101	M 100OHM,J,1/10W
R121	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	R194	ERJ6GEYJ101	M 100OHM,J,1/10W
R122	ERJ6GEYJ470	M 47OHM,J,1/10W	R201	ERJ6GEYJ471	M 470OHM,J,1/10W
R123	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	R202	ERJ6GEYJ471	M 470OHM,J,1/10W
R124	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	R203	ERJ6GEYJ471	M 470OHM,J,1/10W
R130	ERJ6GEYJ391	M 390OHM,J,1/10W	R204	ERJ6GEYJ471	M 470OHM,J,1/10W
R131	ERJ6GEYJ471	M 470OHM,J,1/10W	R205	ERJ6GEYJ471	M 470OHM,J,1/10W
R132	ERJ6GEYJ121	M 1200OHM,J,1/10W	R351	ER0S2CKF1500	M 150OHM, F,1/4W
R133	ERJ6GEYJ470	M 47OHM,J,1/10W	R352	ER0S2CKF1500	M 150OHM, F,1/4W
R134	ERJ6GEYJ103	M 10KOHM,J,1/10W	R353	ER0S2CKF1500	M 150OHM, F,1/4W
R135	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	R357	ERDS2TJ221	C 220OHM, J,1/4W
R136	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	R358	ERDS2TJ221	C 220OHM, J,1/4W
R137	ERJ6GEYJ103	M 10KOHM,J,1/10W	R359	ERDS2TJ221	C 220OHM, J,1/4W
R138	ERJ6GEYJ102	M 1KOHM,J,1/10W	R360	ER0S2CKF1500	M 150OHM, F,1/4W
R140	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	R361	ER0S2CKF1500	M 150OHM, F,1/4W
R141	ERJ6GEYJ473	M 47KOHM,J,1/10W	R362	ER0S2CKF1500	M 150OHM, F,1/4W
R142	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	R367	ERDS2TJ221	C 220OHM, J,1/4W
R143	ERJ6GEYJ154	M 150KOHM,J,1/10W	R368	ERDS2TJ221	C 220OHM, J,1/4W
R144	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	R369	ERDS2TJ221	C 220OHM, J,1/4W
R145	ERJ6GEYJ221	M 2200OHM,J,1/10W	R370	ERDS2TJ101	C 100OHM, J,1/4W
R152	ERJ6GEYJ102	M 1KOHM,J,1/10W	R371	ER0S2CKF5600	M 560OHM, F,1/4W
R154	ERJ6GEYJ331	M 330OHM,J,1/10W	R372	ER0S2CKF5600	M 560OHM, F,1/4W
R155	ERJ6GEYJ101	M 1000OHM,J,1/10W	R373	ER0S2CKF5600	M 560OHM, F,1/4W
R156	ERJ6GEYJ103	M 10KOHM,J,1/10W	R374	ERG2FJS183D	M 18KOHM, J, 2W
R157	ERJ6GEYJ223	M 22KOHM,J,1/10W	R375	ERG2FJS183D	M 18KOHM, J, 2W
R158	ERJ6GEYJ102	M 1KOHM,J,1/10W	R376	ERG2FJS183D	M 18KOHM, J, 2W
R160	ERJ6GEYJ184	M 180KOHM,J,1/10W	R377	ERG2FJS183D	M 18KOHM, J, 2W
R161	ERJ6GEYJ680	M 68OHM,J,1/10W	R378	ERG2FJS183D	M 18KOHM, J, 2W
R163	ERJ6GEYJ271	M 270OHM,J,1/10W	R379	ERG2FJS183D	M 18KOHM, J, 2W
R164	ERJ6GEYJ270	M 270OHM,J,1/10W	R380	ERG2FJS183D	M 18KOHM, J, 2W
R165	ERJ6GEYJ151	M 1500OHM,J,1/10W	R381	ERG2FJS183D	M 18KOHM, J, 2W
R166	ERJ6GEYJ563	M 56KOHM,J,1/10W	R382	ERG2FJS183D	M 18KOHM, J, 2W
R167	ERJ6GEYJ273	M 27KOHM,J,1/10W	R389	ERD50FJ102	C 1KOHM, J,1/2W
R170	ERJ6GEYJ273	M 27KOHM,J,1/10W	R390	ERD50FJ102	C 1KOHM, J,1/2W
R171	ERJ6GEYJ113	M 11KOHM,J,1/10W	R391	ERD50FJ102	C 1KOHM, J,1/2W
R172	ERJ6GEYJ103	M 10KOHM,J,1/10W	R392	ERDS1TJ394	C 390KOHM, J,1/2W
			R393	ERG2FJS121D	M 120OHM, J, 2W

# TC-25L10R/TC-2525R

Ref.No.	Part No.	Description		Ref.No.	Part No.	Description
R394	ERQ12AJ101	F 100OHM, J,1/2W	⚠	R516	ERJ6GEYJ563	M 56KOHM,J,1/10W MTV
R395	ERDS2TJ392	C 3.9KOHM, J,1/4W		R517	ERJ6GEYJ683	M 68KOHM,J,1/10W
R397	ERDS2TJ561	C 560OHM, J,1/4W		R519	ERJ6GEYJ152	M 1.5KOHM,J,1/10W
R398	ERDS2TJ471	C 470OHM, J,1/4W		R520	ERJ6GEYJ101	M 100OHM,J,1/10W
R399	ERDS2TJ101	C 100OHM, J,1/4W		R522	ERJ6GEYJ334	M 330KOHM,J,1/10W
R401	ERJ6GEYJ184	M 180KOHM,J,1/10W		R523	ERJ6GEYJ683	M 68KOHM,J,1/10W
R402	ERJ6GEYJ183	M 18KOHM,J,1/10W		R524	ERJ6GEYJ183	M 18KOHM,J,1/10W
R403	ERDS1TJ472	C 4.7KOHM, J,1/2W MTV		R525	ERJ6GEYJ103	M 10KOHM,J,1/10W
R404	ER0S2CKF3R00	M 3OHM, F,1/4W		R526	ERJ6GEYJ104	M 100KOHM,J,1/10W
R405	ERJ6GEYJ103	M 10KOHM,J,1/10W		R540	ERG3SJ392H	M 3.9KOHM, J, 3W
R406	ERG1SJ331P	M 330OHM, J, 1W		R541	ERF7ZJ102	W 1KOHM, J, 7W
R407	ERJ6GEYJ272	M 2.7KOHM,J,1/10W		R543	ERJ6GEYJ101	M 100OHM,J,1/10W
R408	ERJ6GEYJ473	M 47KOHM,J,1/10W		R544	ERJ6GEYJ221	M 220OHM,J,1/10W
R409	ER0S2CKF3R00	M 3OHM, F,1/4W		R550	ERG3SJ123H	M 12KOHM, J, 3W
R415	ERJ6GEYJ102	M 1KOHM,J,1/10W	⚠	R551	ERQ2CJP102S	F 1KOHM, J, 2W
R416	ERJ6GEYJ102	M 1KOHM,J,1/10W	⚠	R552	ERQ1CJ820	F 82OHM, J, 1W
R417	ERJ6GEYJ102	M 1KOHM,J,1/10W		R571	ERJ6GEYJ561	M 560OHM,J,1/10W
R420	ERJ6GEYJ471	M 470OHM,J,1/10W		R580	ERJ6GEYJ104	M 100KOHM,J,1/10W
R421	ERJ6GEYJ471	M 470OHM,J,1/10W		R581	ERJ6GEYJ105	M 1MOHM,J,1/10W
R422	ERJ6GEYJ101	M 100OHM,J,1/10W		R582	ERJ6GEYJ222	M 2.2KOHM,J,1/10W
R423	ERJ6GEYJ273	M 27KOHM,J,1/10W		R583	ERDS1TJ331	C 330OHM, J,1/2W
R424	ERJ6GEYJ474	M 470KOHM,J,1/10W		R585	ERJ6GEYJ105	M 1MOHM,J,1/10W
R425	ERJ6GEYJ225	M 2.2MOHM, 1/10W		R588	ERJ6GEYJ684	M 680KOHM,J,1/10W
R433	ERJ6GEYJ103	M 10KOHM,J,1/10W		R590	ERJ6GEYJ561	M 560OHM,J,1/10W
R434	ERDS1FJ1R0	C 1OHM, J,1/2W		R601	ERJ6GEYJ153	M 15KOHM,J,1/10W
R435	ERJ6GEYJ823	M 82KOHM,J,1/10W		R602	ERJ6GEYJ153	M 15KOHM,J,1/10W
R440	ERJ6GEYJ222	M 2.2KOHM,J,1/10W		R603	ERJ6GEYJ155	M 1.5MOHM,J,1/10W
R441	ERJ6GEYJ223	M 22KOHM,J,1/10W		R610	ERJ6GEYJ152	M 1.5KOHM,J,1/10W
R442	ERJ6GEYJ473	M 47KOHM,J,1/10W		R611	ERJ6GEYJ152	M 1.5KOHM,J,1/10W
R443	ERJ6GEYJ122	M 1.2KOHM,J,1/10W		R612	ERJ6GEYJ152	M 1.5KOHM,J,1/10W
R444	ERJ6GEYJ821	M 820OHM,J,1/10W		R613	ERJ6GEYJ331	M 330OHM,J,1/10W
R445	ERJ6GEYJ222	M 2.2KOHM,J,1/10W		R614	ERJ6GEYJ331	M 330OHM,J,1/10W
R480	ERJ6GEYJ221	M 220OHM,J,1/10W		R615	ERJ6GEYJ331	M 330OHM,J,1/10W
R481	ERJ6GEYJ684	M 680KOHM,J,1/10W		R619	ERJ6GEYJ562	M 5.6KOHM,J,1/10W
R482	ERJ6GEYJ155	M 1.5MOHM,J,1/10W		R620	ERJ6GEYJ911	M 910OHM,J,1/10W
R483	ERJ6GEYJ274	M 270KOHM,J,1/10W		R621	ERJ6GEYJ911	M 910OHM,J,1/10W
R485	ERJ6GEYJ681	M 680OHM,J,1/10W		R622	ERJ6GEYJ911	M 910OHM,J,1/10W
R486	ERJ6GEYJ271	M 270OHM,J,1/10W		R623	ERJ6GEY0R00	M 0OHM,J,1/10W
R501	ERQ14AJ2R0P	F 2.0OHM, J,1/4W	⚠	R628	ERJ6GEYJ103	M 10KOHM,J,1/10W
R502	ERDS1TJ105	C 1MOHM, J,1/2W		R629	ERJ6GEYJ103	M 10KOHM,J,1/10W
R503	ERQ1CJPR82S	F 0.82OHM, J, 1W MTV ⚠		R630	ERJ6GEYJ154	M 150KOHM,J,1/10W
R504	ERQ12HJ1R0	F 1OHM, J,1/2W	⚠	R631	ERJ6GEYJ824	M 820KOHM,J,1/10W
R509	ERJ6GEYJ223	M 22KOHM,J,1/10W		R652	ERQ14AJ470P	F 47OHM, J,1/4W
R510	ERQ14AJ100P	F 10OHM, J,1/4W	⚠	R653	ERJ6GEYJ104	M 100KOHM,J,1/10W
R511	ERJ6ENF1372	M13.7KOHM, 1/10W MTV		R654	ERJ6GEYJ273	M 27KOHM,J,1/10W
R512	ERJ6ENF1472	M14.7KOHM, 1/10W MTV		R655	ERJ6GEYJ153	M 15KOHM,J,1/10W
R513	ERJ6GEYJ223	M 22KOHM,J,1/10W		R662	ERJ6GEYJ393	M 39KOHM,J,1/10W
R514	ER025CKF1273	M 127KOHM, F,1/4W MTV		R663	ERJ6GEYJ102	M 1KOHM,J,1/10W
R515	ERJ6GEYJ223	M 22KOHM,J,1/10W		R664	ERJ6GEYJ391	M 390OHM,J,1/10W

# TC-25L10R/TC-2525R

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
R665	ERJ6GEYJ821	M 820OHM,J,1/10W	R865	ERW2PJ150P	W 15OHM, J, 2W
R701	ERJ6GEYJ104	M 100KOHM,J,1/10W	R866	ERG3SJ270H	M 270OHM, J, 3W
R702	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	R880	ERQ12HJ8R2	F 8.2OHM, J,1/2W <span style="color: red;">⚠</span>
R703	ERJ6GEYJ104	M 100KOHM,J,1/10W	R1051	ERDS2TJ102	C 1KOHM, J,1/4W
R704	ERD25TJ102	C 1KOHM, J,1/4W	R1052	ERDS2TJ821	C 820OHM, J,1/4W
R710	ERQ2CJP100S	F 10OHM, J, 2W <span style="color: red;">⚠</span>	R1053	ERDS2TJ470	C 47OHM, J,1/4W
R711	ERDS2TJ472	C 4.7KOHM, J,1/4W	R1101	ERJ6GEYJ152	M 1.5KOHM,J,1/10W
R712	ERDS2TJ681	C 680OHM, J,1/4W	R1102	ERJ6GEYJ152	M 1.5KOHM,J,1/10W
R713	ERDS2TJ392	C 3.9KOHM, J,1/4W	R1103	ERJ6GEYJ152	M 1.5KOHM,J,1/10W
R715	ERDS2TJ221	C 220OHM, J,1/4W	R1104	ERJ6GEYJ153	M 15KOHM,J,1/10W
R716	ERF10ZK2R2	W 2.2OHM, K, 10W	R1105	ERJ6GEYJ203	M 20KOHM,J,1/10W
R801	ERF10ZK1R5	W 1.5OHM, 10W	R1106	ERJ6GEYJ101	M 100OHM,J,1/10W
R812	ERG2ANJ104H	M 100KOHM, J, 2W	R1107	ERD25TJ332	C 3.3KOHM,J,1/4W (Saudi Arabia)
R813	ERG2ANJ104H	M 100KOHM, J, 2W	R1108	ERD25TJ472	C 4.7KOHM,J,1/4W (Saudi Arabia)
R814	ERDS1TJ224	C 220KOHM, J,1/2W	R1109	ERJ6GEYJ101	M 100OHM,J,1/10W
R815	ERDS1TJ224	C 220KOHM, J,1/2W	R1111	ERJ6GEYJ101	M 100OHM,J,1/10W
R816	ERDS1FJ203	C 20KOHM, J,1/2W	R1113	ERJ6GEYJ101	M 100OHM,J,1/10W
R820	ERX3ANJ4R7H	M 4.7OHM, J, 3W MTV	R1115	ERJ6GEYJ223	M 22KOHM,J,1/10W
R821	ERG3ANJ390H	M 390OHM, J, 3W	R1116	ERJ6GEYJ101	M 100OHM,J,1/10W
R822	ERDS2TJ152	C 1.5KOHM, J,1/4W	R1117	ERJ6GEYJ101	M 100OHM,J,1/10W
R823	ERDS2TJ821	C 820OHM, J,1/4W	R1118	ERJ6GEYJ333	M 33KOHM,J,1/10W
R824	ERDS2TJ152	C 1.5KOHM, J,1/4W	R1120	ERJ6ENF1002	M 10KOHM, 1/10W
R825	ERD25FJ1R0	C 1OHM, J,1/4W	R1121	ERJ6ENF1002	M 10KOHM, 1/10W
R829	ERG2ANJ222H	M 2.2KOHM, J, 2W	R1122	ERJ6ENF2201	M 2.2KOHM, 1/10W
R830	ERG1ANJ472H	M 4.7KOHM, J, 1W	R1123	ERJ6ENF2201	M 2.2KOHM, 1/10W
R831	ERDS2TJ102	C 1KOHM, J,1/4W	R1124	ERJ6ENF3301	M 3.3KOHM, 1/10W
R832	ERG1ANJ472H	M 4.7KOHM, J, 1W	R1125	ERJ6ENF4701	M 4.7KOHM, 1/10W
R833	ERDS2TJ472	C 4.7KOHM, J,1/4W	R1126	ERJ6ENF2201	M 2.2KOHM, 1/10W
R834	ERDS2TJ102	C 1KOHM, J,1/4W	R1127	ERJ6ENF2201	M 2.2KOHM, 1/10W
R835	ERDS2TJ102	C 1KOHM, J,1/4W	R1130	ERJ6GEYJ101	M 100OHM,J,1/10W
R836	ERDS2TJ272	C 2.7KOHM, J,1/4W	R1131	ERJ6GEYJ333	M 33KOHM,J,1/10W
R837	ERDS2TJ821	C 820OHM, J,1/4W	R1132	ERJ6GEYJ103	M 10KOHM,J,1/10W
R838	ERDS1TJ151	C 1500OHM, J,1/2W	R1133	ERJ6GEYJ104	M 100KOHM,J,1/10W
R839	ERDS2TJ102	C 1KOHM, J,1/4W	R1134	ERJ6GEYJ103	M 10KOHM,J,1/10W
R840	ERDS2TJ102	C 1KOHM, J,1/4W	R1135	ERJ6GEYJ104	M 100KOHM,J,1/10W
R844	ERQ16NK1R0E	F 1.0OHM, 1/6W <span style="color: red;">⚠</span>	R1136	ERJ6GEYJ103	M 10KOHM,J,1/10W
R845	ERDS1TJ302	C 3KOHM, J,1/2W	R1137	ERJ6GEYJ123	M 12KOHM,J,1/10W
R846	ERG1SJ472P	M 4.7KOHM, 1W	R1138	ERJ6GEYJ123	M 12KOHM,J,1/10W
R847	ERQ16NK1R0E	F 1.0OHM, 1/6W <span style="color: red;">⚠</span>	R1139	ERJ6GEYJ103	M 10KOHM,J,1/10W
R848	ERDS2TJ102	C 1KOHM, J,1/4W	R1140	ERJ6GEYJ101	M 100OHM,J,1/10W
R849	ERDS1TJ201	C 200OHM, J,1/2W	R1141	ERJ6GEYJ222	M 2.2KOHM,J,1/10W
R850	ERDS2TJ472	C 4.7KOHM, J,1/4W	R1143	ERD25TJ562	C 5.6KOHM, J,1/4W (Singapore)
R851	ERDS2TJ103	C 10KOHM, J,1/4W	R1144	ERJ6GEYJ103	M 10KOHM,J,1/10W
R852	ERD25TJ472	C 4.7KOHM, J,1/4W	R1145	ERJ6GEYJ182	M 1.8KOHM,J,1/10W
R853	ERQ12HKR82	F 0.82OHM, K,1/2W <span style="color: red;">⚠</span>	R1146	ERJ6GEYJ222	M 2.2KOHM,J,1/10W
R855	ERQ1CKPR47S	F 0.47OHM, K, 1W MTV <span style="color: red;">⚠</span>	R1147	ERJ6GEYJ104	M 100KOHM,J,1/10W
R856	ERD25FJ1R0	C 1OHM, J,1/4W	R1148	ERJ6GEYJ393	M 39KOHM,J,1/10W
R860	ERD75TAJ825	C 8.2MOHM, J,3/4W <span style="color: red;">⚠</span>			

# TC-25L10R/TC-2525R

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
R1150	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	R2316	ERJ6GEYJ101	M 100OHM,J,1/10W
R1151	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	R2330	ERJ6GEYJ472	M 4.7KOHM,J,1/10W
R1152	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	R2331	ERJ6GEYJ122	M 1.2KOHM,J,1/10W
R1154	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	R2332	ERJ6GEYJ122	M 1.2KOHM,J,1/10W
R1155	ERJ6GEYJ183	M 18KOHM,J,1/10W	R2333	ERDS1TJ2R2	C 2.20HM, J,1/2W
R1156	ERJ6GEYJ151	M 150OHM,J,1/10W	R2334	ERDS1TJ2R2	C 2.20HM, J,1/2W
R1157	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	R2335	ERQ2CJP1R0S	F 1OHM, J, 2W MTV 
R1158	ERJ6GEYJ101	M 100OHM,J,1/10W	R2340	ERDS1TJ391	C 390OHM, J,1/2W
R1159	ERJ6GEYJ101	M 100OHM,J,1/10W	R2801	ERDS1TJ561	C 560OHM, J,1/2W
R1160	ERJ6GEYJ101	M 100OHM,J,1/10W	R2802	ERDS1TJ561	C 560OHM, J,1/2W
R1161	ERJ6GEYJ101	M 100OHM,J,1/10W	R3001	ERJ6GEYJ102	M 1KOHM,J,1/10W
R1162	ERJ6GEYJ103	M 10KOHM,J,1/10W	R3002	ERJ6GEYJ333	M 33KOHM,J,1/10W
R1163	ERJ6GEYJ101	M 100OHM,J,1/10W	R3003	ERJ6GEYJ333	M 33KOHM,J,1/10W
R1164	ERJ6GEYJ101	M 100OHM,J,1/10W	R3004	ERJ6GEYJ331	M 330OHM,J,1/10W
R1165	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	R3006	ERJ6GEYJ123	M 12KOHM, J,1/10W
R1166	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	R3007	ERJ6GEYJ271	M 270OHM,J,1/10W
R1167	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	R3008	ERJ6GEYJ271	M 270OHM,J,1/10W
R1168	ERJ6GEYJ123	M 12KOHM,J,1/10W	R3009	ERJ6GEYJ102	M 1KOHM,J,1/10W
R1170	ERJ6GEYJ560	M 56OHM,J,1/10W	R3010	ERJ6GEY0R00	M 0OHM,J,1/10W
R1171	ERJ6GEYJ560	M 56OHM,J,1/10W	R3011	ERJ6GEYJ102	M 1KOHM,J,1/10W
R1172	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	R3012	ERJ6GEYJ102	M 1KOHM,J,1/10W
R1173	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	R3014	ERJ6GEYJ103	M 10KOHM,J,1/10W
R1175	ERJ6GEYJ102	M 1KOHM,J,1/10W	R3015	ERJ6GEYJ103	M 10KOHM,J,1/10W
R1180	ERJ6GEYJ100	M 10OHM,J,1/10W	R3016	ERJ6GEYJ101	M 100OHM,J,1/10W
R1181	ERJ6GEYJ100	M 10OHM,J,1/10W	R3017	ERJ6GEYJ331	M 330OHM,J,1/10W
R1182	ERJ6GEYJ100	M 10OHM,J,1/10W	R3018	ERJ6GEYJ103	M 10KOHM,J,1/10W
R1183	ERJ6GEYJ123	M 12KOHM,J,1/10W	R3019	ERJ6GEYJ101	M 100OHM,J,1/10W
R1184	ERJ6GEYJ103	M 10KOHM,J,1/10W	R3020	ERJ6GEYJ103	M 10KOHM,J,1/10W
R1185	ERJ6GEYJ102	M 1KOHM,J,1/10W	R3021	ERJ6GEYJ331	M 330OHM,J,1/10W
R1186	ERJ6GEYJ103	M 10KOHM,J,1/10W	R3022	ERJ6GEYJ750	M 750HM, 1/10W
R1187	ERJ6GEYJ103	M 10KOHM,J,1/10W	R3023	ERJ6GEYJ103	M 10KOHM,J,1/10W
R1188	ERJ6GEYJ103	M 10KOHM,J,1/10W	R3024	ERJ6GEYJ472	M 4.7KOHM,J,1/10W
R1190	ERJ6GEYJ101	M 100OHM,J,1/10W	R3025	ERJ6GEYJ433	M 43KOHM,J,1/10W
R1191	ERJ6GEYJ101	M 100OHM,J,1/10W	R3026	ERJ6GEYJ103	M 10KOHM,J,1/10W
R1192	ERJ6GEYJ105	M 1MOHM,J,1/10W	R3027	ERJ6GEYJ272	M 2.7KOHM,J,1/10W
R1193	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	R3028	ERJ6GEYJ561	M 560OHM,J,1/10W
R1194	ERJ6GEYJ103	M 10KOHM,J,1/10W	R3029	ERJ6GEYJ101	M 100OHM,J,1/10W
R1195	ERJ6GEYJ102	M 1KOHM,J,1/10W	R3032	ERJ6GEYJ911	M 910OHM,J,1/10W
R1196	ERJ6GEYJ104	M 100KOHM,J,1/10W	R3033	ERJ6GEYJ821	M 820OHM,J,1/10W
R2301	ERJ6GEYJ101	M 100OHM,J,1/10W	R3034	ERJ6GEY0R00	M 0OHM,J,1/10W
R2302	ERJ6GEYJ103	M 10KOHM,J,1/10W	R3035	ERJ6GEYJ123	M 12KOHM, J,1/10W
R2303	ERJ6GEYJ102	M 1KOHM,J,1/10W	R3040	ERJ6GEYJ103	M 10KOHM,J,1/10W
R2305	ERJ6GEYJ333	M 33KOHM,J,1/10W	R3044	ERJ6GEYJ750	M 750HM, 1/10W
R2306	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	R3046	ERJ6GEY0R00	M 0OHM,J,1/10W
R2307	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	R3047	ERJ6GEYJ101	M 100OHM,J,1/10W
R2308	ERJ6GEYJ105	M 1MOHM,J,1/10W	R3048	ERJ6GEYJ331	M 330OHM,J,1/10W
R2309	ERJ6GEYJ221	M 220OHM,J,1/10W	R3049	ERJ6GEYJ122	M 1.2KOHM,J,1/10W
R2310	ERJ6GEYJ221	M 220OHM,J,1/10W	R3050	ERJ6GEYJ101	M 100OHM,J,1/10W
R2315	ERJ6GEYJ103	M 10KOHM,J,1/10W	R3051	ERJ6GEYJ101	M 100OHM,J,1/10W

**TC-25L10R/TC-2525R**

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
R3052	ERJ6GEYJ471	M 470OHM,J,1/10W	C114	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3053	ERJ6GEYJ221	M 220OHM,J,1/10W	C116	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3055	ERJ6GEYOR00	M 0OHM,J,1/10W	C120	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3056	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	C121	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3057	ERJ6GEYJ103	M 10KOHM,J,1/10W	C122	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3058	ERJ6GEYJ821	M 820OHM,J,1/10W	C123	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3059	ERJ6GEYJ103	M 10KOHM,J,1/10W	C124	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3060	ERJ6GEYJ102	M 1KOHM,J,1/10W	C130	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3061	ERJ6GEYJ223	M 22KOHM,J,1/10W	C131	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3062	ERJ6GEYJ103	M 10KOHM,J,1/10W	C132	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3064	ERJ6GEYJ154	M 150KOHM,J,1/10W	C133	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3065	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	C134	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3066	ERJ6GEYJ154	M 150KOHM,J,1/10W	C135	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3067	ERJ6GEYJ103	M 10KOHM,J,1/10W	C136	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3068	ERJ6GEYJ154	M 150KOHM,J,1/10W	C140	ECUX1H561JCX	C 560PF, J, 50V
R3069	ERJ6GEYJ223	M 22KOHM,J,1/10W	C141	ECA1HMR47G	E 0.47UF, 50V
R3070	ERJ6GEYJ102	M 1KOHM,J,1/10W	C142	ECEA1CN100S	E 10UF, 16V
R3071	ERJ6GEYJ104	M 100KOHM,J,1/10W	C143	ECA1HM4R7G	E 4.7UF, 50V
R3072	ERJ6GEYJ101	M 1000OHM,J,1/10W	C144	ECA1CM101G	E 100UF, 16V
R3073	ERJ6GEYJ102	M 1KOHM,J,1/10W	C150	ECUX1H473ZFX	C 0.047UF, Z, 50V
R3074	ERJ6GEYJ104	M 100KOHM,J,1/10W	C151	ECA1CM470G	E 47UF, 16V
R3075	ERJ6GEYJ101	M 1000OHM,J,1/10W	C154	ECUX1H820JCX	C 82PF, J, 50V
R3076	ERJ6GEYJ184	M 180KOHM,J,1/10W	C155	ECA1CM470G	E 47UF, 16V
R3077	ERJ6GEYJ102	M 1KOHM,J,1/10W	C156	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3078	ERJ6GEYJ184	M 180KOHM,J,1/10W	C157	ECUX1H030CRX	C 3PF, C, 50V
R3079	ERJ6GEYJ102	M 1KOHM,J,1/10W	C158	ECUX1H180JCX	C 18PF, J, 50V
R3081	ERJ6GEYJ750	M 750OHM, 1/10W	C159	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3082	ERJ6GEYJ750	M 750OHM, 1/10W	C160	ECA1CM330G	E 33UF, 16V
R3083	ERJ6GEYJ750	M 750OHM, 1/10W	C161	ECA1HMR47G	E 0.47UF, 50V
R3092	ERJ6GEYJ184	M 180KOHM,J,1/10W	C162	ECUX1H681JCX	C 680PF, J, 50V
R3093	ERJ6GEYJ102	M 1KOHM,J,1/10W	C164	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3094	ERJ6GEYJ184	M 180KOHM,J,1/10W	C165	ECUX1H331JCX	C 330PF, J, 50V
R3095	ERJ6GEYJ102	M 1KOHM,J,1/10W	C170	ECA1CM100G	E 10UF, 16V
R3110	ERDS2TJ472	C 4.7KOHM, J,1/4W	C180	ECUX1H151JX	C 150PF, J, 50V MTV
R3151	ERJ6GEYJ103	M 10KOHM,J,1/10W	C190	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3152	ERJ6GEYJ103	M 10KOHM,J,1/10W	C191	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
<b>CAPACITORS</b>			C201	ECUX1H180JRX	C 18PF, J, 50V
C101	ECA1HM3R3G	E 3.3UF, 50V	C351	ECKD3D102KBN	C 1000PF, K, 2KV
C102	ECQV1H154JM	P 0.15UF, J, 50V	C352	ECEA1HKN010	E 1UF, 50V
C103	ECA1HM2R2G	E 2.2UF, 50V	C356	ECEA1HGE100	E 10UF, 50V
C104	ECA1HM2R2G	E 2.2UF, 50V	C360	ECEA1CKA100	E 10UF, 16V
C105	ECA1HM2R2G	E 2.2UF, 50V	C362	ECEA2EGE100	E 10UF, 250V
C106	ECA1CM470G	E 47UF, 16V	C365	ECQB1H183KF	P 0.018UF, K, 50V
C107	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C370	ECCF1H271J	C 270PF, J, 50V
C108	ECA1HMR47G	E 0.47UF, 50V	C371	ECCF1H271J	C 270PF, J, 50V
C110	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C372	ECCF1H181J	C 180PF, J, 50V
C111	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C401	ECKD3A182KBP	C 1800PF, K, 1KV
C112	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C402	ECQV1H224JM	P 0.22UF, J, 50V
C113	ECA1HMR22G	E 0.22UF, 50V	C403	ECKD2H102KB2	C 1000PF, K, 500V

# TC-25L10R/TC-2525R

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
C404	ECEA1VGE101	E 100UF, 35V	C588	ECQB1H223KF	P 0.022UF, K, 50V
C405	ECEA1VGE102	E 1000UF, 35V	C589	ECUX1H681KBX	C 680PF, K, 50V
C406	ECQE1224KF	P 0.22UF, K, 100V	C601	ECQB1H223JF	P 0.022UF, J, 50V
C407	ECEA1HGE4R7	E 4.7UF, 50V	C602	ECQB1H223JF	P 0.022UF, J, 50V
C408	ECQB1473KF	P 0.047UF, K, 100V	C603	ECQB1H223JF	P 0.022UF, J, 50V
C409	ECEA1EGE332	E 3300UF, 25V	C604	ECEA50ZR47	E 0.47UF, 50V
C415	ECEA1CGE471	E 470UF, 16V	C605	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C416	ECEA1CGE471	E 470UF, 16V	C606	ECQB1H223JF	P 0.022UF, J, 50V
C420	ECQB1H183JF	P 0.018UF, J, 50V MTV	C607	ECEA1HN2R2U	E 2.2UF, 50V
C421	ECSF1EE105V	T 1UF, 25V MTV	C608	ECUX1H120JUX	C 12PF, J, 50V
C422	ECSF1EE225V	T 2.2UF, 25V	C609	ECUX1H150JUX	C 15PF, J, 50V
C425	ECEA1HFS010	E 1UF, 50V	C610	ECA1CM100G	E 10UF, 16V
C430	ECEA1AGE330	E 33UF, 10V	C613	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C480	ECA1HM2R2G	E 2.2UF, 50V	C614	ECA1CM221G	E 220UF, 16V
C481	ECQV1H334JM	P 0.33UF, J, 50V	C630	ECUX1H100DCX	C 10PF, D, 50V
C482	ECUX1H152ZFX	C 1500PF, Z, 50V	C631	ECA1HM4R7G	E 4.7UF, 50V
C501	ECEA2CNR47S	E 0.47UF, 160V	C632	ECA0JM101G	E 100UF, 6.3V
C502	ECEA2EU100	E 10UF, 250V	C633	ECQB1H473JF	P 0.047UF, J, 50V
C503	ECKD2H821KB2	C 820PF, K, 500V	C634	ECA1HM100G	E 10UF, 50V
C504	ECKD2H821KB2	C 820PF, K, 500V	C640	ECUX1H330JCX	C 33PF, J, 50V MTV
C505	ECKD2H471KB2	C 470PF, K, 500V	C641	ECUX1H330JCX	C 33PF, J, 50V MTV
C506	ECKD2H471KB2	C 470PF, K, 500V	C642	ECUX1H330JCX	C 33PF, J, 50V MTV
C507	ECEA1VGE102	E 1000UF, 35V	C651	ECA1AM470G	E 47UF, 10V
C508	ECEA1EGE471	E 470UF, 25V	C652	ECQB1H223KF	P 0.022UF, K, 50V
C509	ECKD2H331KB2	C 330PF, K, 500V	C655	ECQV1H104JM	P 0.1UF, J, 50V
C510	ECA1EM101G	E 100UF, 25V	C656	ECQV1H224JM	P 0.22UF, J, 50V
C511	ECEA1HGE010	E 1UF, 50V	C657	ECA1HM0R1G	E 0.1UF, 50V
C520	ECEA1JGE100	E 10UF, 63V	C661	ECUX1H390JCX	C 39PF, J, 50V
C540	ECKD2H222KB2	C 2200PF, K, 500V	C671	ECA0JM101G	E 100UF, 6.3V
C541	ECKD2H222KB2	C 2200PF, K, 500V	C672	ECQB1H223KF	P 0.022UF, K, 50V
C550	ECQM4333JZ	P 0.033UF, 400V	C673	ECA1HM0R1G	E 0.1UF, 50V
C552	ECKD3D222JBP	C 2200PF, J, 2KV MTV	C674	ECA1HM0R1G	E 0.1UF, 50V
C553	ECWH12H153JS	P 0.015UF, J, 1.2KV	C676	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C555	ECKD3D102JBN	C 1000PF, J, 2KV	C677	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C556	ECKD3D272JBP	C 2700PF, J, 2KV MTV	C702	ECQB1H473JF	P 0.047UF, J, 50V
C557	ECKD3D681JBN	C 680PF, J, 2KV	C710	ECEA1HW4R7S	E 4.7UF, 50V
C558	ECQB1H223JF	P 0.022UF, J, 50V	C712	ECCF1H101J	C 100PF, J, 50V
C559	ECWF2H514JNB	P 0.51UF, J, 200V MTV	C801	ECQU2A224MN	P 0.22UF, M, 250V <span style="color: red;">⚠</span>
C560	TAC7A2D564JC	P 0.56UF, J, 200V	C802	ECQU2A224MN	P 0.22UF, M, 250V <span style="color: red;">⚠</span>
C561	ECQM4472JZ	P 4700PF, J, 400V MTV	C803	ECQU2A104MN	P 0.1UF, M, 250V <span style="color: red;">⚠</span>
C570	ECA1HM100G	E 10UF, 50V	C804	ECKDNS221MBJ	C 220PF, M <span style="color: red;">⚠</span>
C571	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C805	ECKDNS151MBJ	C 150PF, M, <span style="color: red;">⚠</span>
C580	ECA1HM0R1G	E 0.1UF, 50V	C806	ECKD2H103PU	C 0.01UF, P, 500V
C581	ECUX1H680JCX	C 68PF, J, 50V	C809	ECKD2H472PU	C 4700PF, P, 500V
C582	ECQB1H183KF	P 0.018UF, K, 50V	C810	ECKD2H472PU	C 4700PF, P, 500V
C583	ECA1CM100G	E 10UF, 16V	C811	ECKD2H472PU	C 4700PF, P, 500V
C584	ECA1CM221G	E 220UF, 16V	C812	ECKD2H472PU	C 4700PF, P, 500V
C585	ECUX1H221JUX	C 220PF, J, 50V	C817	ECOS2EP561CB	E 560UF, 250V
C586	ECQB1H103KF	P 0.01UF, K, 50V			

# TC-25L10R/TC-2525R

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
C818	EC0S2EP561CB	E 560UF, 250V	C1151	ECUX1H221JCX	C 220PF, J, 50V MTV
C820	ECKD3D222KBP	C 2200PF, K, 2KV	C1162	ECA1CM471G	E 470UF, 16V
C822	ECKD2H152KB2	C 1500PF, K, 500V	C1163	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C823	ECQV1H154JM	P 0.15UF, J, 50V	C1164	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C824	ECQV1H823JZ	P 0.082UF, J, 50V	C1165	ECA1CM220G	E 22UF, 16V
C825	ECQB1H473JF	P 0.047UF, J, 50V	C1166	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C826	ECA1HM010G	E 1UF, 50V	C1170	ECUX1H101JCX	C 100PF, J, 50V
C828	ECA1HM470G	E 47UF, 50V	C1171	ECUX1H101JCX	C 100PF, J, 50V
C829	ECKD2H122KB2	C 1200PF, K, 500V	C1172	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C830	ECQB1H183JF	P 0.018UF, J, 50V MTV	C1173	ECA1CM100G	E 10UF, 16V
C831	ECKF1H103ZF	C 0.01UF, Z, 50V	C1180	ECA1HM330G	E 33UF, 50V
C832	ECQB1H473JF	P 0.047UF, J, 50V	C1181	ECQV1H474JM	P 0.47UF, J, 50V
C845	ECQB1H473JF	P 0.047UF, J, 50V	C1182	ECQV1H334JM	P 0.33UF, J, 50V
C848	ECKD3A122KBP	C 1200PF, K, 1KV MTV	C1185	ECA1CM470G	E 47UF, 16V
C849	ECA1HM101G	E 1000UF, 50V	C1190	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C850	ECA1EM102G	E 1000UF, 25V	C1192	ECQB1H223KF	P 0.022UF, K, 50V
C851	ECA1CM471G	E 470UF, 16V	C2301	ECEA1HN2R2U	E 2.2UF, 50V
C852	EC0S2CA471BB	E 470UF, 160V	C2302	ECA1HM0R1G	E 0.1UF, 50V
C853	TACDF227P160	E 220UF, 160V MTV	C2303	ECUX1H472ZFX	C 4700PF, J, 50V
C854	ECA1EM222G	E 2200UF, 25V	C2304	ECA1CM100G	E 10UF, 16V
C855	ECKD2H221KB2	C 220PF, K, 500V	C2305	ECA1CM100G	E 10UF, 16V
C856	ECKD3A122KBP	C 1200PF, K, 1KV MTV	C2306	ECA1CM100G	E 10UF, 16V
C857	ECKD2H391KB2	C 390PF, K, 500V	C2307	ECA1CM100G	E 10UF, 16V
C858	ECKD2H221KB2	C 220PF, K, 500V	C2309	ECA1CM100G	E 10UF, 16V
C860	ECKDNS222MEJ	C 2200PF, M, 	C2311	ECA1EM101G	E 100UF, 25V
C865	ECEA2GGE4R7	E 4.7UF, 400V	C2312	ECA1HM010G	E 1UF, 50V
C866	ECQV1H104JM	P 0.1UF, J, 50V	C2313	ECA1EM470G	E 47UF, 25V
C867	ECQE2A473MW	P 0.047UF, M, 250V	C2315	ECEA1CN100U	E 10UF, 16V
C868	ECA1EM100B	E 10UF, 25V MTV	C2317	ECA1HM0R1G	E 0.1UF, 50V
C880	ECA1CM471G	E 470UF, 16V	C2318	ECQV1H104JM	P 0.1UF, J, 50V
C881	ECEA1CGE101	E 100UF, 16V	C2319	ECA1CM470G	E 47UF, 16V
C885	ECEA1EGE101	E 100UF, 25V	C2320	ECUX1H472KBX	C 4700PF, K, 50V
C886	ECA1CM101G	E 100UF, 16V	C2321	ECA1HM0R1G	E 0.1UF, 50V
C887	ECA1AM101G	E 100UF, 10V	C2322	ECA1CM470G	E 47UF, 16V
C888	ECEA0JGE101	E 100UF, 6.3V MTV	C2323	ECEA1HN2R2U	E 2.2UF, 50V
C1051	ECCF1H101J	C 100PF, J, 50V	C2330	ECA1HM3R3G	E 3.3UF, 50V
C1052	ECKF1H103ZF	C 0.01UF, Z, 50V	C2331	ECA1HM010G	E 1UF, 50V
C1053	ECA1CM470G	E 47UF, 16V	C2332	ECA1HM010G	E 1UF, 50V
C1101	ECA1HM0R1G	E 0.1UF, 50V	C2333	ECA1CM101G	E 100UF, 16V
C1102	ECUX1H471JCX	C 470PF, J, 50V	C2334	ECQB1H473KF	P 0.047UF, K, 50V
C1103	ECA1CM101G	E 100UF, 16V	C2335	ECA1EM470G	E 47UF, 25V
C1104	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C2336	ECA1EM102G	E 1000UF, 25V
C1105	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C2337	ECA1EM222G	E 2200UF, 25V
C1106	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C2338	ECA1EM470G	E 47UF, 25V
C1107	ECA1HM010G	E 1UF, 50V	C2339	ECQB1H473KF	P 0.047UF, K, 50V
C1108	ECUX1H181JCX	C 180PF, J, 50V	C2340	ECA1EM102G	E 1000UF, 25V
C1141	ECUX1H681KBX	C 680PF, K, 50V	C2341	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C1142	ECUX1H101JCX	C 100PF, J, 50V	C2342	ECA1CM100G	E 10UF, 16V
C1150	ECUX1H820JCX	C 82PF, J, 50V	C2343	ECUX1H153KBX	C 0.015UF, K, 50V

# TC-25L10R/TC-2525R

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
C2344	ECUX1H153KBX	C 0.01UF, K, 50V	L501	EXCELSA35T	BEAD CORE MTV
C3001	ECA1CM100G	E 10UF, 16V	L553	EXCELSA35T	BEAD CORE MTV
C3002	ECA1CM220G	E 22UF, 16V	L555	TLH15696T	LINEARITY COIL
C3003	ECA1CM220G	E 22UF, 16V	L556	ELC08D055	COIL
C3004	ECEA1CN100S	E 10UF, 16V	L613	TLUABTA100	PEAKING COIL MTV
C3015	ECUX1H102KBX	C 1000PF, K, 50V	L614	TLUABTA100	PEAKING COIL MTV
C3016	ECEA1HN010U	E 1UF, 50V	L615	TLUABTA100	PEAKING COIL MTV
C3017	ECA1CM100G	E 10UF, 16V	L630	TLT100K991K	PEAKING COIL 10U
C3018	ECA1CM470G	E 47UF, 16V	L660	TLT220K991K	PEAKING COIL 22U
C3019	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	L710	TLH15733M	COIL
C3020	ECA1CFQ121	E 120UF, 16V	L801	ELF18D656X	LINE FILTER <span style="color: red;">⚠</span>
C3021	ECA1EM471G	E 470UF, 25V	L802	ELF18D656X	LINE FILTER <span style="color: red;">⚠</span>
C3023	ECUX1H102KBX	C 1000PF, K, 50V	L805	TSC925-4	CHOKE COIL
C3024	ECEA1HN010U	E 1UF, 50V	L806	TSC925-4	CHOKE COIL
C3026	ECEA1CN100S	E 10UF, 16V	L820	EXCELSA35T	BEAD CORE MTV
C3027	ECEA1CN100S	E 10UF, 16V	L850	T8RHB-H820K	COIL MTV
C3028	ECUX1H101JCX	C 100PF, J, 50V	L851	EXCELSR35S	BEAD CORE MTV
C3029	ECUX1H390JCX	C 39PF, J, 50V	L852	EXCELSR35S	BEAD CORE MTV
C3041	ECA1CM100G	E 10UF, 16V	L1101	EXCELDR25V	CORE
C3050	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	L1140	TLUABTA100	PEAKING COIL MTV
C3051	ECEA1CN100S	E 10UF, 16V	L1150	TLUABTA100	PEAKING COIL MTV
C3055	ECUX1H101JCX	C 100PF, J, 50V	L1151	TLUABTA100	PEAKING COIL MTV
C3060	ECA1CM100G	E 10UF, 16V	L1152	TLUABTA100	PEAKING COIL MTV
C3070	ECA1HM010G	E 1UF, 50V	L1155	TLT100K991K	PEAKING COIL 10U
C3071	ECA1HM010G	E 1UF, 50V	L1160	TLT100K991K	PEAKING COIL 10U
C3072	ECUX1H682KBX	C 6800PF, K, 50V MTV	L1162	TLUABTA100	PEAKING COIL MTV
C3073	ECA1HMR47G	E 0.47UF, 50V	L1170	ERD25TJ470	C 470HM, J, 1/4W
C3074	ECUXTH682KBX	C 6800PF, K, 50V MTV	L2330	EXCELSA35T	BEAD CORE MTV
C3075	ECA1HMR47G	E 0.47UF, 50V	L2803	EXCELSA35T	BEAD CORE MTV
C3092	ECUX1H102KBX	C 1000PF, K, 50V	L3015	EXCELDR25V	CORE
C3093	ECA1HM010G	E 1UF, 50V			<b>TRANSFORMERS</b>
C3094	ECUX1H102KBX	C 1000PF, K, 50V	T501	KFT4AA028F	FLYBACK TRANSFORMER <span style="color: red;">⚠</span>
C3095	ECA1HM010G	E 1UF, 50V	T550	ETH19Y70AY	H DRIVE TRANS
C3101	ECA1HM100G	E 10UF, 50V	T801	TLP4GA003K	SWITCHING TRANSFO MTV <span style="color: red;">⚠</span>
		<b>COILS</b>			<b>DIODES</b>
L101	TLT082K991K	PEAKING COIL 8.2U	D337	MTZJ6.8A	ZENER DIODE
L120	TLXR56MD01	PEAKING COIL MTV	D351	MA165	DIODE
L121	TLT082K991K	PEAKING COIL 8.2U	D353	MA165	DIODE
L130	TLT082K991K	PEAKING COIL 8.2U	D355	MA165	DIODE
L131	TLT082K991K	PEAKING COIL 8.2U	D357	MA165	DIODE
L155	EQV7EN206B	INDUCTOR COIL	D360	MA4062L	DIODE
L180	TLT100K991K	PEAKING COIL 10U	D401	ERA15-01	DIODE
L181	TLT100K991K	PEAKING COIL 10U	D402	MTZJ39A	ZENER DIODE
L182	TLT150K991K	PEAKING COIL 15U	D421	MA29W-A	DIODE
L183	TLT150K991K	PEAKING COIL 15U	D422	MA29W-A	DIODE
L184	TLT270K991K	PEAKING COIL 27U	D501	TVSEU2	DIODE
L351	TSK1002	COIL	D502	TVSEU2	DIODE
L361	EXCELSA35T	BEAD CORE MTV	D503	TVSRU2AM	DIODE
L415	TLT101K991K	PEAKING COIL 100U	D505	TVSEU2	DIODE

# TC-25L10R/TC-2525R

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
D508	D1NL20UV70	DIODE MTV	D2302	MA165	DIODE
D509	MA4108J	DIODE	D2330	MTZJ5.1A	ZENER DIODE
D520	MTZJ36D	ZENER DIODE	D2341	MA165	DIODE
D521	TVSEU2	DIODE	D3015	MTZJ18C	ZENER DIODE
D523	MA165	DIODE	D3064	MA4082H	DIODE
D524	MTZJ4.7C	ZENER DIODE			<b>INTEGRATED CIRCUITS</b>
D551	ERD07-15	DIODE	IC101	M52760SP	LINEAR IC
D552	TVSRU3AN	DIODE	IC102	TVSUPD4066BC	C-MOS LOGIC IC
D553	MA182	DIODE	IC201	M52317SP	LINEAR IC MTV
D610	MA165	DIODE	IC401	LA7833S	LINEAR IC
D611	MTZJ15C	ZENER DIODE	IC402	TA8859P	IC
D651	MTZJ8.2C	ZENER DIODE	IC601	AN5693K	LINEAR IC MTV
D652	MA167	DIODE	IC602	TDA8395P	LINEAR IC MTV
D710	MA29W-A	DIODE	IC603	TDA4665	LINEAR IC
D711	MA29W-A	DIODE	IC802	HA17555	LINEAR IC
D713	MA29W-A	DIODE	IC803	SE140N	IC
D801	TAP4GA0001	POSISTOR	IC865	MK1210	HYBRID IC
D803	D4SB80Z	DIODE	IC880	AN7805	LINEAR IC
D819	MA4110M	DIODE	IC881	UPC7812AHF	IC MTV
D820	D1NL20UV70	DIODE MTV	IC882	AN7809	LINEAR IC
D821	MTZJ8.2C	ZENER DIODE	IC883	AN7805	LINEAR IC
D822	D1NL20UV70	DIODE MTV	IC1051	GP1U282Q	REMOCON RECEIVER
D823	D1NL20UV70	DIODE MTV	IC1101	MN1871675T7M	MOS IC MTV
D824	PC123F2	DIODE 	IC1102	24C04AIPA21	MOS IC (EEPROM 4K)
D825	D1NL20UV70	DIODE MTV	IC1103	MN1280R	IC (MOS IC)
D826	D1NL20UV70	DIODE MTV	IC1104	TVSUPD4066BC	C-MOS LOGIC IC
D830	MTZJ9.1C	ZENER DIODE	IC1105	AN5071	LINEAR IC
D831	MTZJ4.7B	ZENER DIODE	IC2301	CXA2021S	LINEAR IC
D835	D1NL20UV70	DIODE MTV	IC2302	AN7124	LINEAR IC MTV
D836	MTZJ2.4B	ZENER DIODE	IC3001	M51321P	LINEAR IC
D844	D1NL20UV70	DIODE MTV	IC3003	TC4066BFN	IC MTV
D845	D1NL20UV70	DIODE MTV	IC3004	TC4066BFN	IC MTV
D846	MTZJ6.8C	ZENER DIODE			<b>TRANSISTORS</b>
D850	S3L20U	DIODE	Q101	2SC945AQR-T	TRANSISTOR MTV
D851	D1NL20UV70	DIODE MTV	Q102	2SC2188	TRANSISTOR
D852	S3L60	DIODE	Q103	2SC945AQR-T	TRANSISTOR MTV
D853	S3L20U	DIODE	Q104	2SC1047	TRANSISTOR
D854	D1NL20UV70	DIODE MTV	Q140	2SC945AQR-T	TRANSISTOR MTV
D855	MTZJ51	ZENER DIODE	Q150	2SC945AQR-T	TRANSISTOR MTV
D856	TVSSR2KS	DIODE	Q151	2SC945AQR-T	TRANSISTOR MTV
D857	D1NL20UV70	DIODE MTV	Q160	2SC945AQR-T	TRANSISTOR MTV
D865	EM1C	DIODE	Q351	2SC3063	TRANSISTOR
D880	EU02	DIODE	Q352	2SC3063	TRANSISTOR
D1051	EL333ID-F45R	LED MTV	Q353	2SC3063	TRANSISTOR
D1130	MA165	DIODE	Q354	2SC1685-Q	TRANSISTOR
D1140	MA165	DIODE	Q355	2SC1685-Q	TRANSISTOR
D1170	MTZJ6.8C	ZENER DIODE	Q356	2SC1685-Q	TRANSISTOR
D1171	MTZJ6.8C	ZENER DIODE	Q360	2SB1011	TRANSISTOR
D2301	MA165	DIODE	Q361	2SB1011	TRANSISTOR

# TC-25L10R/TC-2525R

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
Q362	2SB1011	TRANSISTOR	E.33	T1DX04PB2	CONNECTOR MTV
Q363	2SA564QR	TRANSISTOR MTV	E.35	TJSF00216	16P CONNECTOR
Q433	2SA564A-R	TRANSISTOR	E.38	TJS5A8130	CONNECTOR MTV
Q440	2SC945AQR-T	TRANSISTOR MTV	E.39	TJS5A8130	CONNECTOR MTV
Q441	2SA564A-R	TRANSISTOR	F801	XBA2C40TR0	FUSE 250V 4A <span style="color: red;">⚠</span>
Q442	2SC945AQR-T	TRANSISTOR MTV	H.16	TJS1A8090	PHONO PIN
Q520	2SA564A-R	TRANSISTOR	H.17	TJS3A8990	24P CONNECTOR
Q550	2SC2653HLB	TRANSISTOR	J.79	ERJ6GEY0R00	M 0OHM,J,1/10W
Q551	2SD1556	TRANSISTOR	J.80	ERJ6GEY0R00	M 0OHM,J,1/10W
Q651	2SC945AQR-T	TRANSISTOR MTV	JK351	TJS1A5210	CRT SOCKET
Q710	2SD1499	TRANSISTOR	JK3001	TJB4G609-1	REAR AV TERMINAL MTV
Q711	2SA564A-R	TRANSISTOR	JS1102	ERD25V0R00	C 0OHM, 1/4W
Q712	2SA564A-R	TRANSISTOR	JS1103	ERD25V0R00	C 0OHM, 1/4W
Q801	2SC4581	TRANSISTOR	JS1160	ERD25V0R00	C 0OHM, 1/4W
Q802	2SD1207	TRANSISTOR	JS3092	ERJ6GEY0R00	M 0OHM,J,1/10W
Q807	2SA684	TRANSISTOR	JS3093	ERJ6GEY0R00	M 0OHM,J,1/10W
Q808	2SC1815	TRANSISTOR	P.1	TJS4G403	4P CONNECTOR
Q809	2SC1815	TRANSISTOR	P.35	TJSF00316	16P CONNECTOR
Q810	2SC3940A	TRANSISTOR	R.1	TJS4G404	4P CONNECTOR
Q845	2SC1815	TRANSISTOR	S801	ESB91232A	SWITCH <span style="color: red;">⚠</span>
Q846	2SC1815	TRANSISTOR	S1101	EVQ21405R	SWITCH
Q847	2SA1859	TRANSISTOR	S1102	EVQ21405R	SWITCH
Q1130	2SC945AQR-T	TRANSISTOR MTV	S1103	EVQ21405R	SWITCH
Q1131	2SC945AQR-T	TRANSISTOR MTV	S1104	EVQ21405R	SWITCH
Q1132	2SA564A-R	TRANSISTOR	S1105	EVQ21405R	SWITCH
Q1133	2SC945AQR-T	TRANSISTOR MTV	S1106	EVQ21405R	SWITCH
Q1140	2SC945AQR-T	TRANSISTOR MTV	S1107	EVQ21405R	SWITCH
Q1180	2SC945AQR-T	TRANSISTOR MTV	TNR1	TNVC04B01	TUNER MTV <span style="color: red;">⚠</span>
Q1190	2SC945AQR-T	TRANSISTOR MTV	X101	K6267K	SAW FILTER MTV
Q2301	2SC945AQR-T	TRANSISTOR MTV	X102	K9351M	SAW FILTER MTV
Q2303	2SA564A-R	TRANSISTOR	X180	EFCS5M7MW3	CERAMIC FILTER
Q3001	2SD601ATX	TRANSISTOR MTV	X181	EFCS6R0MW5	CERAMIC FILTER
Q3002	2SD601ATX	TRANSISTOR MTV	X182	EFCS6R5MW5	CERAMIC FILTER
Q3003	2SD601ATX	TRANSISTOR MTV	X183	EFCS4R5MW5	CERAMIC FILTER
Q3004	2SD601ATX	TRANSISTOR MTV	X201	CSB1000J527	CRYSTAL OSC MTV
Q3005	2SC1685-Q	TRANSISTOR	X202	SFSH6R0MDB	CERAMIC FILTER MTV
Q3006	2SD601ATX	TRANSISTOR MTV	X203	EFCS6R5MS5	CERAMIC FILTER
Q3008	2SD601ATX	TRANSISTOR MTV	X204	EFCS5R5MS5	CERAMIC FILTER
Q3009	2SD601ATX	TRANSISTOR MTV	X205	EFCS4R5MS5	FILTER
Q3010	2SD601ATX	TRANSISTOR MTV	X580	CSB500F48	CRYSTAL OSC MTV
Q3011	2SD601ATX	TRANSISTOR MTV	X601	TS116M20	CRYSTAL OSC MTV
Q3013	2SD601ATX	TRANSISTOR MTV	X602	TS816M32	CRYSTAL OSC MTV
Q3015	2SD601ATX	TRANSISTOR MTV	X1160	EF0EC1205B4	CERAMIC RESONATOR
Q3016	2SD601ATX	TRANSISTOR MTV	X.38	TJS3A9140	CONNECTOR
OTHERS			X.39	TJS3A9140	CONNECTOR
E.16	TJS3A9640	3P CONNECTOR	Y.32	TJS3A9660	CONNECTOR MTV
E.17	TJS3A8980	24P CONNECTOR	Y.33	TJS3A9650	CONNECTOR MTV
E.22	T1DX04PB2	CONNECTOR MTV			
E.32	TJS3A9660	CONNECTOR MTV			

## Replacement Parts List

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description	
<b>RESISTORS</b>						
R101	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	R172	ERJ6GEYJ103	M 10KOHM,J,1/10W	
R102	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	R173	ERJ6GEYJ273	M 27KOHM,J,1/10W	
R111	ERJ6GEYJ184	M 180KOHM,J,1/10W	R174	ERJ6GEYJ103	M 10KOHM,J,1/10W	
R112	ERJ6GEYJ123	M 12KOHM,J,1/10W	R175	ERJ6GEYJ273	M 27KOHM,J,1/10W	
R113	ERJ6GEYJ473	M 47KOHM,J,1/10W	R176	ERJ6GEYJ823	M 82KOHM,J,1/10W	
R114	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	R177	ERJ6GEYJ104	M 100KOHM,J,1/10W	
R115	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	R180	ERJ6GEYJ271	M 270OHM,J,1/10W	
R116	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	R181	ERJ6GEYJ331	M 330OHM,J,1/10W	
R117	ERJ6GEYJ682	M 6.8KOHM,J,1/10W	R182	ERJ6GEYJ331	M 330OHM,J,1/10W	
R118	ERJ6GEYJ103	M 10KOHM,J,1/10W	R183	ERJ6GEYJ561	M 560OHM,J,1/10W	
R119	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	R191	ERJ6GEYJ123	M 12KOHM,J,1/10W	
R120	ERJ6GEYJ680	M 68OHM,J,1/10W	R192	ERJ6GEYJ123	M 12KOHM,J,1/10W	
R121	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	R193	ERJ6GEYJ101	M 100OHM,J,1/10W	
R122	ERJ6GEYJ470	M 470OHM,J,1/10W	R194	ERJ6GEYJ101	M 100OHM,J,1/10W	
R123	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	R201	ERJ6GEYJ471	M 470OHM,J,1/10W	
R124	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	R202	ERJ6GEYJ471	M 470OHM,J,1/10W	
R130	ERJ6GEYJ391	M 390OHM,J,1/10W	R203	ERJ6GEYJ471	M 470OHM,J,1/10W	
R131	ERJ6GEYJ471	M 4700HM,J,1/10W	R204	ERJ6GEYJ471	M 470OHM,J,1/10W	
R132	ERJ6GEYJ121	M 1200OHM,J,1/10W	R205	ERJ6GEYJ471	M 470OHM,J,1/10W	
R133	ERJ6GEYJ470	M 470OHM,J,1/10W	R351	ER0S2CKF1500	M 150OHM, F,1/4W	
R134	ERJ6GEYJ103	M 10KOHM,J,1/10W	R352	ER0S2CKF1500	M 150OHM, F,1/4W	
R135	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	R353	ER0S2CKF1500	M 150OHM, F,1/4W	
R136	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	R357	ERDS2TJ221	C 220OHM, J,1/4W	
R137	ERJ6GEYJ103	M 10KOHM,J,1/10W	R358	ERDS2TJ221	C 220OHM, J,1/4W	
R138	ERJ6GEYJ102	M 1KOHM,J,1/10W	R359	ERDS2TJ221	C 220OHM, J,1/4W	
R140	ERJ6GEYJ272	M 2.7KOHM,J,1/10W	R360	ER0S2CKF1500	M 150OHM, F,1/4W	
R141	ERJ6GEYJ473	M 47KOHM,J,1/10W	R361	ER0S2CKF1500	M 150OHM, F,1/4W	
R142	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	R362	ER0S2CKF1500	M 150OHM, F,1/4W	
R143	ERJ6GEYJ154	M 150KOHM,J,1/10W	R367	ERDS2TJ221	C 220OHM, J,1/4W	
R144	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	R368	ERDS2TJ221	C 220OHM, J,1/4W	
R145	ERJ6GEYJ221	M 2200HM,J,1/10W	R369	ERDS2TJ221	C 220OHM, J,1/4W	
R152	ERJ6GEYJ102	M 1KOHM,J,1/10W	R370	ERDS2TJ101	C 100OHM, J,1/4W	
R154	ERJ6GEYJ331	M 330OHM,J,1/10W	R371	ER0S2CKF5600	M 560OHM, F,1/4W	
R155	ERJ6GEYJ101	M 100OHM,J,1/10W	R372	ER0S2CKF5600	M 560OHM, F,1/4W	
R156	ERJ6GEYJ103	M 10KOHM,J,1/10W	R373	ER0S2CKF5600	M 560OHM, F,1/4W	
R157	ERJ6GEYJ223	M 22KOHM,J,1/10W	R374	ERG2FJS183D	M 18KOHM, J, 2W	
R158	ERJ6GEYJ102	M 1KOHM,J,1/10W	R375	ERG2FJS183D	M 18KOHM, J, 2W	
R160	ERJ6GEYJ184	M 180KOHM,J,1/10W	R376	ERG2FJS183D	M 18KOHM, J, 2W	
R161	ERJ6GEYJ680	M 68OHM,J,1/10W	R377	ERG2FJS183D	M 18KOHM, J, 2W	
R163	ERJ6GEYJ331	M 330OHM,J,1/10W	R378	ERG2FJS183D	M 18KOHM, J, 2W	
R164	ERJ6GEYJ270	M 270OHM,J,1/10W	R379	ERG2FJS183D	M 18KOHM, J, 2W	
R165	ERJ6GEYJ151	M 1500HM,J,1/10W	R380	ERG2FJS183D	M 18KOHM, J, 2W	
R166	ERJ6GEYJ563	M 56KOHM,J,1/10W	MTV	R381	ERG2FJS183D	M 18KOHM, J, 2W
R167	ERJ6GEYJ273	M 27KOHM,J,1/10W	R382	ERG2FJS183D	M 18KOHM, J, 2W	
R170	ERJ6GEYJ273	M 27KOHM,J,1/10W	R389	ERD50FJ102	C 1KOHM, J,1/2W	
R171	ERJ6GEYJ113	M 11KOHM,J,1/10W	R390	ERD50FJ102	C 1KOHM, J,1/2W	
			R391	ERD50FJ102	C 1KOHM, J,1/2W	

# TX-25L10X

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
R392	ERDS1TJ394	C 390KOHM, J,1/2W	R514	ER025CKF1273	M 127KOHM, F,1/4W MTV
R393	ERG2FJS121D	M 120OHM, J, 2W	R515	ERJ6GEYJ223	M 22KOHM,J,1/10W
R394	ERQ12AJ101	F 100OHM, J,1/2W	R516	ERJ6GEYJ563	M 56KOHM,J,1/10W MTV
R395	ERDS2TJ392	C 3.9KOHM, J,1/4W	R517	ERJ6GEYJ683	M 68KOHM,J,1/10W
R397	ERDS2TJ561	C 560OHM, J,1/4W	R519	ERJ6GEYJ152	M 1.5KOHM,J,1/10W
R398	ERDS2TJ471	C 470OHM, J,1/4W	R520	ERJ6GEYJ101	M 100OHM,J,1/10W
R399	ERDS2TJ101	C 100OHM, J,1/4W	R522	ERJ6GEYJ334	M 330KOHM,J,1/10W
R401	ERJ6GEYJ184	M 180KOHM,J,1/10W	R523	ERJ6GEYJ683	M 68KOHM,J,1/10W
R402	ERJ6GEYJ183	M 18KOHM,J,1/10W	R524	ERJ6GEYJ183	M 18KOHM,J,1/10W
R403	ERDS1TJ472	C 4.7KOHM, J,1/2W MTV	R525	ERJ6GEYJ103	M 10KOHM,J,1/10W
R404	ER0S2CKF3R00	M 3OHM, F,1/4W	R526	ERJ6GEYJ104	M 100KOHM,J,1/10W
R405	ERJ6GEYJ103	M 10KOHM,J,1/10W	R540	ERG3SJ392H	M 3.9KOHM, J, 3W
R406	ERG1SJ331P	M 330OHM, J, 1W	R541	ERF7ZJ102	W 1KOHM, J, 7W
R407	ERJ6GEYJ272	M 2.7KOHM,J,1/10W	R543	ERJ6GEYJ101	M 100OHM,J,1/10W
R408	ERJ6GEYJ473	M 47KOHM,J,1/10W	R544	ERJ6GEYJ221	M 220OHM,J,1/10W
R409	ER0S2CKF3R00	M 3OHM, F,1/4W	R550	ERG3SJ123H	M 12KOHM, J, 3W
R415	ERJ6GEYJ102	M 1KOHM,J,1/10W	R551	ERQ2CJP102S	F 1KOHM, J, 2W
R416	ERJ6GEYJ102	M 1KOHM,J,1/10W	R552	ERQ1CJ820	F 82OHM, J, 1W
R417	ERJ6GEYJ102	M 1KOHM,J,1/10W	R571	ERJ6GEYJ561	M 560OHM,J,1/10W
R420	ERJ6GEYJ471	M 470OHM,J,1/10W	R580	ERJ6GEYJ104	M 100KOHM,J,1/10W
R421	ERJ6GEYJ471	M 470OHM,J,1/10W	R581	ERJ6GEYJ105	M 1MOHM,J,1/10W
R422	ERJ6GEYJ101	M 100OHM,J,1/10W	R582	ERJ6GEYJ222	M 2.2KOHM,J,1/10W
R423	ERJ6GEYJ273	M 27KOHM,J,1/10W	R583	ERDS1TJ331	C 330OHM, J,1/2W
R424	ERJ6GEYJ474	M 470KOHM,J,1/10W	R585	ERJ6GEYJ105	M 1MOHM,J,1/10W
R425	ERJ6GEYJ225	M 2.2MOHM, 1/10W	R588	ERJ6GEYJ334	M 330KOHM,J,1/10W
R433	ERJ6GEYJ103	M 10KOHM,J,1/10W	R590	ERJ6GEYJ561	M 560OHM,J,1/10W
R434	ERDS1FJ1R0	C 1OHM, J,1/2W	R601	ERJ6GEYJ153	M 15KOHM,J,1/10W
R435	ERJ6GEYJ823	M 82KOHM,J,1/10W	R602	ERJ6GEYJ153	M 15KOHM,J,1/10W
R440	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	R603	ERJ6GEYJ155	M 1.5MOHM,J,1/10W
R441	ERJ6GEYJ223	M 22KOHM,J,1/10W	R610	ERJ6GEYJ152	M 1.5KOHM,J,1/10W
R442	ERJ6GEYJ473	M 47KOHM,J,1/10W	R611	ERJ6GEYJ152	M 1.5KOHM,J,1/10W
R443	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	R612	ERJ6GEYJ152	M 1.5KOHM,J,1/10W
R444	ERJ6GEYJ821	M 820OHM,J,1/10W	R613	ERJ6GEYJ331	M 330OHM,J,1/10W
R445	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	R614	ERJ6GEYJ331	M 330OHM,J,1/10W
R480	ERJ6GEYJ221	M 220OHM,J,1/10W	R615	ERJ6GEYJ331	M 330OHM,J,1/10W
R481	ERJ6GEYJ684	M 680KOHM,J,1/10W	R619	ERJ6GEYJ562	M 5.6KOHM,J,1/10W
R482	ERJ6GEYJ155	M 1.5MOHM,J,1/10W	R620	ERJ6GEYJ911	M 910OHM,J,1/10W
R483	ERJ6GEYJ274	M 270KOHM,J,1/10W	R621	ERJ6GEYJ911	M 910OHM,J,1/10W
R485	ERJ6GEYJ681	M 680OHM,J,1/10W	R622	ERJ6GEYJ911	M 910OHM,J,1/10W
R486	ERJ6GEYJ271	M 270OHM,J,1/10W	R623	ERJ6GEYJ222	M 2.2KOHM,J,1/10W
R501	ERQ14AJ2R0P	F 2.0OHM, J,1/4W	R628	ERJ6GEYJ103	M 10KOHM,J,1/10W
R502	ERDS1TJ105	C 1MOHM, J,1/2W	R629	ERJ6GEYJ103	M 10KOHM,J,1/10W
R503	ERQ1CJPR82S	F 0.82OHM, J, 1W MTV	R630	ERJ6GEYJ154	M 150KOHM,J,1/10W
R504	ERQ12HJ1R0	F 1OHM, J,1/2W	R631	ERJ6GEYJ824	M 820KOHM,J,1/10W
R509	ERJ6GEYJ223	M 22KOHM,J,1/10W	R652	ERQ14AJ470P	F 47OHM, J,1/4W
R510	ERQ14AJ100P	F 10OHM, J,1/4W	R653	ERJ6GEYJ104	M 100KOHM,J,1/10W
R511	ERJ6ENF1372	M13.7KOHM, 1/10W MTV	R654	ERJ6GEYJ273	M 27KOHM,J,1/10W
R512	ERJ6ENF1472	M14.7KOHM, 1/10W MTV	R655	ERJ6GEYJ153	M 15KOHM,J,1/10W
R513	ERJ6GEYJ223	M 22KOHM,J,1/10W	R662	ERJ6GEYJ393	M 39KOHM,J,1/10W

# TX-25L10X

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
R663	ERJ6GEYJ102	M 1KOHM,J,1/10W	R856	ERD25FJ1R0	C 10HM, J,1/4W
R664	ERJ6GEYJ391	M 390OHM,J,1/10W	R860	ERD75TAJ825	C 8.2MOHM, J,3/4W
R665	ERJ6GEYJ821	M 820OHM,J,1/10W	R865	ERW2PJ150P	W 150HM, J, 2W
R701	ERJ6GEYJ104	M 100KOHM,J,1/10W	R866	ERG3SJ270H	M 270HM, J, 3W
R702	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	R880	ERQ12HJ8R2	F 8.20HM, J,1/2W <span style="color: red;">⚠</span>
R703	ERJ6GEYJ104	M 100KOHM,J,1/10W	R1051	ERDS2TJ102	C 1KOHM, J,1/4W
R704	ERD25TJ102	C 1KOHM, J,1/4W	R1052	ERDS2TJ821	C 820OHM, J,1/4W
R710	ERQ2CJP100S	F 10OHM, J, 2W <span style="color: red;">⚠</span>	R1053	ERDS2TJ470	C 47OHM, J,1/4W
R711	ERDS2TJ472	C 4.7KOHM, J,1/4W	R1101	ERJ6GEYJ152	M 1.5KOHM,J,1/10W
R712	ERDS2TJ681	C 680OHM, J,1/4W	R1102	ERJ6GEYJ152	M 1.5KOHM,J,1/10W
R713	ERDS2TJ392	C 3.9KOHM, J,1/4W	R1103	ERJ6GEYJ152	M 1.5KOHM,J,1/10W
R715	ERDS2TJ221	C 220OHM, J,1/4W	R1104	ERJ6GEYJ153	M 15KOHM,J,1/10W
R716	ERF10ZK2R2	W 2.20HM, K, 10W	R1105	ERJ6GEYJ203	M 20KOHM,J,1/10W
R801	ERF10ZK1R5	W 1.50HM, 10W	R1106	ERJ6GEYJ101	M 100OHM,J,1/10W
R812	ERG2ANJ104H	M 100KOHM, J, 2W	R1107	ERD25TJ332	C 3.9KOHM, J,1/4W
R813	ERG2ANJ104H	M 100KOHM, J, 2W	R1108	ERD25TJ472	C 3.3KOHM, J,1/4W
R814	ERDS1TJ224	C 220KOHM, J,1/2W	R1109	ERJ6GEYJ101	M 100OHM,J,1/10W
R815	ERDS1TJ224	C 220KOHM, J,1/2W	R1111	ERJ6GEYJ101	M 100OHM,J,1/10W
R816	ERDS1FJ203	C 20KOHM, J,1/2W	R1113	ERJ6GEYJ101	M 100OHM,J,1/10W
R820	ERX3ANJ4R7H	M 4.70HM, J, 3W MTV	R1115	ERJ6GEYJ223	M 22KOHM,J,1/10W
R821	ERG3ANJ390H	M 39OHM, J, 3W	R1116	ERJ6GEYJ101	M 100OHM,J,1/10W
R822	ERDS2TJ152	C 1.5KOHM, J,1/4W	R1117	ERJ6GEYJ101	M 100OHM,J,1/10W
R823	ERDS2TJ821	C 820OHM, J,1/4W	R1118	ERJ6GEYJ333	M 33KOHM,J,1/10W
R824	ERDS2TJ152	C 1.5KOHM, J,1/4W	R1120	ERJ6ENF1002	M 10KOHM, 1/10W
R825	ERD25FJ1R0	C 10HM, J,1/4W	R1121	ERJ6ENF1002	M 10KOHM, 1/10W
R829	ERG2ANJ222H	M 2.2KOHM, J, 2W	R1122	ERJ6ENF2201	M 2.2KOHM, 1/10W
R830	ERG1ANJ472H	M 4.7KOHM, J, 1W	R1123	ERJ6ENF2201	M 2.2KOHM, 1/10W
R831	ERDS2TJ102	C 1KOHM, J,1/4W	R1124	ERJ6ENF3301	M 3.3KOHM, 1/10W
R832	ERG1ANJ472H	M 4.7KOHM, J, 1W	R1125	ERJ6ENF4701	M 4.7KOHM, 1/10W
R833	ERDS2TJ472	C 4.7KOHM, J,1/4W	R1126	ERJ6ENF2201	M 2.2KOHM, 1/10W
R834	ERDS2TJ102	C 1KOHM, J,1/4W	R1127	ERJ6ENF2201	M 2.2KOHM, 1/10W
R835	ERDS2TJ102	C 1KOHM, J,1/4W	R1130	ERJ6GEYJ101	M 100OHM,J,1/10W
R836	ERDS2TJ272	C 2.7KOHM, J,1/4W	R1131	ERJ6GEYJ333	M 33KOHM,J,1/10W
R837	ERDS2TJ821	C 820OHM, J,1/4W	R1132	ERJ6GEYJ103	M 10KOHM,J,1/10W
R838	ERDS1TJ151	C 1500OHM, J,1/2W	R1133	ERJ6GEYJ104	M 100KOHM,J,1/10W
R839	ERDS2TJ102	C 1KOHM, J,1/4W	R1134	ERJ6GEYJ103	M 10KOHM,J,1/10W
R840	ERDS2TJ102	C 1KOHM, J,1/4W	R1135	ERJ6GEYJ104	M 100KOHM,J,1/10W
R844	ERQ16NK1R0E	F 1.00HM, 1/6W <span style="color: red;">⚠</span>	R1136	ERJ6GEYJ103	M 10KOHM,J,1/10W
R845	ERDS1TJ302	C 3KOHM, J,1/2W	R1137	ERJ6GEYJ123	M 12KOHM,J,1/10W
R846	ERG1SJ472P	M 4.7KOHM, 1W	R1138	ERJ6GEYJ123	M 12KOHM,J,1/10W
R847	ERQ16NK1R0E	F 1.00HM, 1/6W <span style="color: red;">⚠</span>	R1139	ERJ6GEYJ103	M 10KOHM,J,1/10W
R848	ERDS2TJ102	C 1KOHM, J,1/4W	R1140	ERJ6GEYJ101	M 100OHM,J,1/10W
R849	ERDS1TJ201	C 200OHM, J,1/2W	R1141	ERJ6GEYJ222	M 2.2KOHM,J,1/10W
R850	ERDS2TJ472	C 4.7KOHM, J,1/4W	R1144	ERJ6GEYJ103	M 10KOHM,J,1/10W
R851	ERDS2TJ103	C 10KOHM, J,1/4W	R1145	ERJ6GEYJ182	M 1.8KOHM,J,1/10W
R852	ERD25TJ472	C 4.7KOHM, J,1/4W	R1147	ERJ6GEYJ104	M 100KOHM,J,1/10W
R853	ERQ12HKR82	F 0.82OHM, K,1/2W <span style="color: red;">⚠</span>	R1148	ERJ6GEYJ393	M 39KOHM,J,1/10W
R855	ERQ1CKPR47S	F 0.47OHM, K, 1W MTV <span style="color: red;">⚠</span>	R1150	ERJ6GEYJ392	M 3.9KOHM,J,1/10W

# TX-25L10X

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
R1151	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	R2016	ERJ6GEYJ563	M 56KOHM,J,1/10W MTV
R1152	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	R2017	ERJ6GEYJ394	M 390KOHM,J,1/10W
R1154	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	R2018	ERJ6GEYJ103	M 10KOHM,J,1/10W
R1155	ERJ6GEYJ183	M 18KOHM,J,1/10W	R2019	ERJ6GEY0R00	M 0OHM,J,1/10W
R1156	ERJ6GEYJ151	M 150OHM,J,1/10W	R2020	ERJ6GEY0R00	M 0OHM,J,1/10W
R1157	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	R2021	ERJ6GEYJ562	M 5.6KOHM,J,1/10W
R1158	ERJ6GEYJ101	M 100OHM,J,1/10W	R2022	ERJ6GEYJ105	M 1MOHM,J,1/10W
R1159	ERJ6GEYJ101	M 100OHM,J,1/10W	R2023	ERJ6GEYJ105	M 1MOHM,J,1/10W
R1160	ERJ6GEYJ101	M 100OHM,J,1/10W	R2030	ERJ6GEYJ102	M 1KOHM,J,1/10W
R1161	ERJ6GEYJ101	M 100OHM,J,1/10W	R2031	ERJ6GEYJ101	M 100OHM,J,1/10W
R1162	ERJ6GEYJ103	M 10KOHM,J,1/10W	R2032	ERJ6GEYJ103	M 10KOHM,J,1/10W
R1163	ERJ6GEYJ101	M 100OHM,J,1/10W	R2033	ERJ6GEYJ105	M 1MOHM,J,1/10W
R1164	ERJ6GEYJ101	M 100OHM,J,1/10W	R2034	ERJ6GEYJ224	M 220KOHM,J,1/10W
R1165	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	R2035	ERJ6GEYJ101	M 100OHM,J,1/10W
R1166	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	R2036	ERJ6GEYJ101	M 100OHM,J,1/10W
R1167	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	R2037	ERJ6GEYJ681	M 680OHM,J,1/10W
R1168	ERJ6GEYJ123	M 12KOHM,J,1/10W	R2038	ERJ6GEYJ681	M 680OHM,J,1/10W
R1170	ERJ6GEYJ560	M 56OHM,J,1/10W	R2039	ERJ6GEYJ103	M 10KOHM,J,1/10W
R1171	ERJ6GEYJ560	M 56OHM,J,1/10W	R2041	ERJ6GEYJ223	M 22KOHM,J,1/10W
R1172	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	R2052	ERJ6GEY0R00	M 0OHM,J,1/10W
R1173	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	R2053	ERJ6GEY0R00	M 0OHM,J,1/10W
R1175	ERJ6GEYJ102	M 1KOHM,J,1/10W	R2054	ERJ6GEY0R00	M 0OHM,J,1/10W
R1180	ERJ6GEYJ100	M 10OHM,J,1/10W	R2055	ERJ6GEY0R00	M 0OHM,J,1/10W
R1181	ERJ6GEYJ100	M 10OHM,J,1/10W	R2201	ERJ6GEYJ471	M 470OHM,J,1/10W
R1182	ERJ6GEYJ100	M 10OHM,J,1/10W	R2202	ERJ6GEYJ471	M 470OHM,J,1/10W
R1183	ERJ6GEYJ123	M 12KOHM,J,1/10W	R2203	ERQ14AJ100P	F 10OHM, J,1/4W <span style="color: red;">⚠</span>
R1184	ERJ6GEYJ103	M 10KOHM,J,1/10W	R2205	ERJ6GEYJ103	M 10KOHM,J,1/10W
R1185	ERJ6GEYJ102	M 1KOHM,J,1/10W	R2206	ERJ6GEYJ333	M 33KOHM,J,1/10W
R1186	ERJ6GEYJ103	M 10KOHM,J,1/10W	R2215	ERJ6GEYJ101	M 100OHM,J,1/10W
R1187	ERJ6GEYJ103	M 10KOHM,J,1/10W	R2216	ERJ6GEYJ101	M 100OHM,J,1/10W
R1188	ERJ6GEYJ103	M 10KOHM,J,1/10W	R2217	EVND4AA03B14	CONTROL 10KOHMB MTV
R1190	ERJ6GEYJ101	M 100OHM,J,1/10W	R2218	ERJ6GEYJ332	M 3.3KOHM,J,1/10W
R1191	ERJ6GEYJ101	M 100OHM,J,1/10W	R2301	ERJ6GEYJ101	M 100OHM,J,1/10W
R1192	ERJ6GEYJ105	M 1MOHM,J,1/10W	R2302	ERJ6GEYJ103	M 10KOHM,J,1/10W
R1193	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	R2303	ERJ6GEYJ102	M 1KOHM,J,1/10W
R1194	ERJ6GEYJ103	M 10KOHM,J,1/10W	R2305	ERJ6GEYJ333	M 33KOHM,J,1/10W
R1195	ERJ6GEYJ102	M 1KOHM,J,1/10W	R2306	ERJ6GEYJ392	M 3.9KOHM,J,1/10W
R1196	ERJ6GEYJ104	M 100KOHM,J,1/10W	R2307	ERJ6GEYJ392	M 3.9KOHM,J,1/10W
R2001	ERJ6GEYJ103	M 10KOHM,J,1/10W	R2308	ERJ6GEYJ105	M 1MOHM,J,1/10W
R2002	ERJ6GEYJ101	M 100OHM,J,1/10W	R2309	ERJ6GEYJ221	M 220OHM,J,1/10W
R2004	ERJ6GEYJ101	M 100OHM,J,1/10W	R2310	ERJ6GEYJ221	M 220OHM,J,1/10W
R2005	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	R2315	ERJ6GEYJ103	M 10KOHM,J,1/10W
R2006	ERJ6GEYJ104	M 100KOHM,J,1/10W	R2316	ERJ6GEYJ101	M 100OHM,J,1/10W
R2010	ERJ6GEYJ563	M 56KOHM,J,1/10W MTV	R2330	ERJ6GEYJ472	M 4.7KOHM,J,1/10W
R2011	ERJ6GEYJ394	M 390KOHM,J,1/10W	R2331	ERJ6GEYJ122	M 1.2KOHM,J,1/10W
R2012	ERJ6GEYJ103	M 10KOHM,J,1/10W	R2332	ERJ6GEYJ122	M 1.2KOHM,J,1/10W
R2013	ERJ6GEY0R00	M 0OHM,J,1/10W	R2333	ERDS1TJ2R2	C 2.2OHM, J,1/2W
R2014	ERJ6GEY0R00	M 0OHM,J,1/10W	R2334	ERDS1TJ2R2	C 2.2OHM, J,1/2W
R2015	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	R2335	ERQ2CJP1R0S	F 1OHM, J, 2W MTV <span style="color: red;">⚠</span>

# TX-25L10X

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
R2340	ERDS1TJ391	C 390OHM, J,1/2W	R3060	ERJ6GEYJ102	M 1KOHM,J,1/10W
R2801	ERDS1TJ561	C 560OHM, J,1/2W	R3061	ERJ6GEYJ223	M 22KOHM,J,1/10W
R2802	ERDS1TJ561	C 560OHM, J,1/2W	R3062	ERJ6GEYJ103	M 10KOHM,J,1/10W
R3001	ERJ6GEYJ102	M 1KOHM,J,1/10W	R3064	ERJ6GEYJ154	M 150KOHM,J,1/10W
R3002	ERJ6GEYJ333	M 33KOHM,J,1/10W	R3065	ERJ6GEYJ472	M 4.7KOHM,J,1/10W
R3003	ERJ6GEYJ333	M 33KOHM,J,1/10W	R3066	ERJ6GEYJ154	M 150KOHM,J,1/10W
R3004	ERJ6GEYJ331	M 330OHM,J,1/10W	R3067	ERJ6GEYJ103	M 10KOHM,J,1/10W
R3006	ERJ6GEYJ123	M 12KOHM, J,1/10W	R3068	ERJ6GEYJ154	M 150KOHM,J,1/10W
R3007	ERJ6GEYJ271	M 270OHM,J,1/10W	R3069	ERJ6GEYJ223	M 22KOHM,J,1/10W
R3008	ERJ6GEYJ271	M 270OHM,J,1/10W	R3070	ERJ6GEYJ102	M 1KOHM,J,1/10W
R3009	ERJ6GEYJ102	M 1KOHM,J,1/10W	R3071	ERJ6GEYJ104	M 100KOHM,J,1/10W
R3010	ERJ6GEY0R00	M 0OHM,J,1/10W	R3072	ERJ6GEYJ101	M 100OHM,J,1/10W
R3011	ERJ6GEYJ102	M 1KOHM,J,1/10W	R3073	ERJ6GEYJ102	M 1KOHM,J,1/10W
R3012	ERJ6GEYJ102	M 1KOHM,J,1/10W	R3074	ERJ6GEYJ104	M 100KOHM,J,1/10W
R3014	ERJ6GEYJ103	M 10KOHM,J,1/10W	R3075	ERJ6GEYJ101	M 100OHM,J,1/10W
R3015	ERJ6GEYJ103	M 10KOHM,J,1/10W	R3076	ERJ6GEYJ184	M 180KOHM,J,1/10W
R3016	ERJ6GEYJ101	M 100OHM,J,1/10W	R3077	ERJ6GEYJ102	M 1KOHM,J,1/10W
R3017	ERJ6GEYJ331	M 330OHM,J,1/10W	R3078	ERJ6GEYJ184	M 180KOHM,J,1/10W
R3018	ERJ6GEYJ103	M 10KOHM,J,1/10W	R3079	ERJ6GEYJ102	M 1KOHM,J,1/10W
R3019	ERJ6GEYJ101	M 100OHM,J,1/10W	R3081	ERJ6GEYJ750	M 750HM, 1/10W
R3020	ERJ6GEYJ103	M 10KOHM,J,1/10W	R3082	ERJ6GEYJ750	M 750HM, 1/10W
R3021	ERJ6GEYJ331	M 330OHM,J,1/10W	R3083	ERJ6GEYJ750	M 750HM, 1/10W
R3022	ERJ6GEYJ750	M 750HM, 1/10W	R3092	ERJ6GEYJ184	M 180KOHM,J,1/10W
R3023	ERJ6GEYJ103	M 10KOHM,J,1/10W	R3093	ERJ6GEYJ102	M 1KOHM,J,1/10W
R3024	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	R3094	ERJ6GEYJ184	M 180KOHM,J,1/10W
R3025	ERJ6GEYJ433	M 43KOHM,J,1/10W	R3095	ERJ6GEYJ102	M 1KOHM,J,1/10W
R3026	ERJ6GEYJ103	M 10KOHM,J,1/10W	R3110	ERDS2TJ472	C 4.7KOHM, J,1/4W
R3027	ERJ6GEYJ272	M 2.7KOHM,J,1/10W	R3151	ERJ6GEYJ103	M 10KOHM,J,1/10W
R3028	ERJ6GEYJ561	M 560OHM,J,1/10W	R3152	ERJ6GEYJ103	M 10KOHM,J,1/10W
R3029	ERJ6GEYJ101	M 100OHM,J,1/10W	R3501	ERJ6GEY0R00	M 0OHM,J,1/10W
R3032	ERJ6GEYJ911	M 910OHM,J,1/10W	R3502	ERJ6GEYJ102	M 1KOHM,J,1/10W
R3033	ERJ6GEYJ821	M 820OHM,J,1/10W	R3503	ERJ6GEYJ152	M 1.5KOHM,J,1/10W
R3034	ERJ6GEY0R00	M 0OHM,J,1/10W	R3504	ERJ6GEY0R00	M 0OHM,J,1/10W
R3035	ERJ6GEYJ123	M 12KOHM, J,1/10W	R3505	ERJ6GEYJ271	M 270OHM,J,1/10W
R3040	ERJ6GEYJ103	M 10KOHM,J,1/10W	R3506	ERJ6GEYJ271	M 270OHM,J,1/10W
R3044	ERJ6GEYJ750	M 750HM, 1/10W	R3507	ERJ6GEY0R00	M 0OHM,J,1/10W
R3046	ERJ6GEY0R00	M 0OHM,J,1/10W	R3508	ERJ6GEY0R00	M 0OHM,J,1/10W
R3047	ERJ6GEYJ101	M 100OHM,J,1/10W	R3510	ERJ6GEY0R00	M 0OHM,J,1/10W
R3048	ERJ6GEYJ331	M 330OHM,J,1/10W	R3512	ERJ6GEY0R00	M 0OHM,J,1/10W
R3049	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	R3516	ERJ6GEYJ103	M 10KOHM,J,1/10W
R3050	ERJ6GEYJ101	M 100OHM,J,1/10W	R3517	ERJ6GEY0R00	M 0OHM,J,1/10W
R3051	ERJ6GEYJ101	M 100OHM,J,1/10W	R3518	ERJ6GEY0R00	M 0OHM,J,1/10W
R3052	ERJ6GEYJ471	M 470OHM,J,1/10W	R3521	ERJ6GEYJ153	M 15KOHM,J,1/10W
R3053	ERJ6GEYJ221	M 220OHM,J,1/10W	R3522	ERJ6GEYJ101	M 100OHM,J,1/10W
R3055	ERJ6GEY0R00	M 0OHM,J,1/10W	R3523	ERJ6GEYJ101	M 100OHM,J,1/10W
R3056	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	R3524	ERJ6GEYJ332	M 3.3KOHM,J,1/10W
R3057	ERJ6GEYJ103	M 10KOHM,J,1/10W	R3525	ERJ6GEYJ470	M 470HM,J,1/10W
R3058	ERJ6GEYJ821	M 820OHM,J,1/10W	R3526	ERJ6GEYJ470	M 470HM,J,1/10W
R3059	ERJ6GEYJ103	M 10KOHM,J,1/10W	R3527	ERJ6GEYJ470	M 470HM,J,1/10W

# TX-25L10X

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
R3529	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	C120	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3534	ERJ6GEYJ181	M 180OHM,J,1/10W	C121	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3535	ERJ6GEYJ181	M 180OHM,J,1/10W	C122	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3536	ERJ6GEYJ181	M 180OHM,J,1/10W	C123	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3537	ERJ6GEYJ102	M 1KOHM,J,1/10W	C124	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3538	ERJ6GEYJ681	M 680OHM,J,1/10W	C130	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3539	ERJ6GEY0R00	M 0OHM,J,1/10W	C131	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3540	ERJ6GEY0R00	M 0OHM,J,1/10W	C132	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3541	ERJ6GEY0R00	M 0OHM,J,1/10W	C133	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3542	ERJ6GEY0R00	M 0OHM,J,1/10W	C134	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3543	ERJ6GEY0R00	M 0OHM,J,1/10W	C135	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3546	ERJ6GEYJ101	M 100OHM,J,1/10W	C136	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3547	ERJ6GEYJ101	M 100OHM,J,1/10W	C140	ECUX1H470JCX	C 47PF, J, 50V
R3548	ERJ6GEYJ101	M 100OHM,J,1/10W	C141	ECA1HMR47G	E 0.47UF, 50V
R3549	ERJ6GEYJ101	M 100OHM,J,1/10W	C142	ECEA1CN100S	E 10UF, 16V
R3550	ERJ6GEYJ101	M 100OHM,J,1/10W	C143	ECA1HM4R7G	E 4.7UF, 50V
R3551	ERJ6GEYJ101	M 100OHM,J,1/10W	C144	ECA1CM101G	E 100UF, 16V
R3552	ERJ6GEYJ101	M 100OHM,J,1/10W	C150	ECUX1H473ZFX	C 0.047UF, Z, 50V
R3553	ERJ6GEYJ221	M 220OHM,J,1/10W	C151	ECA1CM470G	E 47UF, 16V
R3554	ERJ6GEYJ103	M 10KOHM,J,1/10W	C154	ECUX1H820JCX	C 82PF, J, 50V
R3555	ERJ6GEYJ153	M 15KOHM,J,1/10W	C155	ECA1CM470G	E 47UF, 16V
R3556	ERJ6GEYJ223	M 22KOHM,J,1/10W	C156	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3557	ERJ6GEYJ561	M 560OHM,J,1/10W	C157	ECUX1H030CRX	C 3PF, C, 50V
R3558	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	C158	ECUX1H180JCX	C 18PF, J, 50V
R3559	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	C159	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3560	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	C160	ECA1CM330G	E 33UF, 16V
R3561	ERJ6GEYJ103	M 10KOHM,J,1/10W	C161	ECA1HMR47G	E 0.47UF, 50V
R3562	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	C162	ECUX1H681JCX	C 680PF, J, 50V
R3563	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	C164	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3564	ERJ6GEYJ561	M 560OHM,J,1/10W	C165	ECUX1H331JCX	C 330PF, J, 50V
R3565	ERJ6GEYJ682	M 6.8KOHM,J,1/10W	C170	ECA1CM100G	E 10UF, 16V
R3571	ERJ6GEYJ103	M 10KOHM,J,1/10W	C180	ECUX1H151JX	C 150PF, J, 50V MTV
R3572	ERJ6GEYJ103	M 10KOHM,J,1/10W	C190	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
R3515-2	EVNDCAA03B24	CONTROL 20KOHMB MTV	C191	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
<b>CAPACITORS</b>			C201	ECUX1H180JRX	C 18PF, J, 50V
C101	ECA1HM3R3G	E 3.3UF, 50V	C351	ECKD3D102KBN	C 1000PF, K, 2KV
C102	ECQV1H154JM	P 0.15UF, J, 50V	C352	ECEA1HKN010	E 1UF, 50V
C103	ECA1HM2R2G	E 2.2UF, 50V	C356	ECEA1HGE100	E 10UF, 50V
C104	ECA1HM2R2G	E 2.2UF, 50V	C360	ECEA1CKA100	E 10UF, 16V
C105	ECA1HM2R2G	E 2.2UF, 50V	C362	ECEA2EGE100	E 10UF, 250V
C106	ECA1CM470G	E 47UF, 16V	C365	ECQB1H183KF	P 0.018UF, K, 50V
C107	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C370	ECCF1H271J	C 270PF, J, 50V
C108	ECA1HMR47G	E 0.47UF, 50V	C371	ECCF1H271J	C 270PF, J, 50V
C110	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C372	ECCF1H181J	C 180PF, J, 50V
C111	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C401	ECKD3A182KBP	C 1800PF, K, 1KV
C112	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C402	ECQV1H224JM	P 0.22UF, J, 50V
C113	ECA1HMR22G	E 0.22UF, 50V	C403	ECKD2H102KB2	C 1000PF, K, 500V
C114	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C404	ECEA1VGE101	E 100UF, 35V
C116	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C405	ECEA1VGE102	E 1000UF, 35V

**TX-25L10X**

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
C406	ECQE1224KF	P 0.22UF, K,100V	C601	ECQB1H223JF	P 0.022UF, J, 50V
C407	ECEA1HGE4R7	E 4.7UF, 50V	C602	ECQB1H223JF	P 0.022UF, J, 50V
C408	ECQB1473KF	P 0.047UF, K,100V	C603	ECQB1H223JF	P 0.022UF, J, 50V
C409	ECEA1EGE332	E 3300UF, 25V	C604	ECEA50ZR47	E 0.47UF, 50V
C415	ECEA1CGE471	E 470UF, 16V	C605	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C416	ECEA1CGE471	E 470UF, 16V	C606	ECQB1H223JF	P 0.022UF, J, 50V
C420	ECQB1H183JF	P 0.018UF, J, 50V MTV	C607	ECEA1HN2R2U	E 2.2UF, 50V
C421	ECSF1EE105V	T 1UF, 25V MTV	C608	ECUX1H120JUX	C 12PF, J, 50V
C422	ECSF1EE225V	T 2.2UF, 25V	C609	ECUX1H150JUX	C 15PF, J, 50V
C425	ECEA1HFS010	E 1UF, 50V	C610	ECA1CM100G	E 10UF, 16V
C430	ECEA1AGE330	E 33UF, 10V	C613	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C480	ECA1HM2R2G	E 2.2UF, 50V	C614	ECA1CM221G	E 220UF, 16V
C481	ECQV1H334JM	P 0.33UF, J, 50V	C630	ECUX1H100DCX	C 10PF, D, 50V
C482	ECUX1H152ZFX	C 1500PF, Z, 50V	C631	ECA1HM4R7G	E 4.7UF, 50V
C501	ECEA2CNR47S	E 0.47UF, 160V	C632	ECA0JM101G	E 100UF, 6.3V
C502	ECEA2EU100	E 10UF, 250V	C633	ECQB1H473JF	P 0.047UF, J, 50V
C503	ECKD2H821KB2	C 820PF, K,500V	C634	ECA1HM100G	E 10UF, 50V
C504	ECKD2H821KB2	C 820PF, K,500V	C640	ECUX1H330JCX	C 33PF, J, 50V MTV
C505	ECKD2H471KB2	C 470PF, K,500V	C641	ECUX1H330JCX	C 33PF, J, 50V MTV
C506	ECKD2H471KB2	C 470PF, K,500V	C642	ECUX1H330JCX	C 33PF, J, 50V MTV
C507	ECEA1VGE102	E 1000UF, 35V	C651	ECA1AM470G	E 47UF, 10V
C508	ECEA1EGE471	E 470UF, 25V	C652	ECQB1H223KF	P 0.022UF, K, 50V
C509	ECKD2H331KB2	C 330PF, K,500V	C655	ECQV1H104JM	P 0.1UF, J, 50V
C510	ECA1EM101G	E 100UF, 25V	C656	ECQV1H224JM	P 0.22UF, J, 50V
C511	ECEA1HGE010	E 1UF, 50V	C657	ECA1HM0R1G	E 0.1UF, 50V
C520	ECEA1JGE100	E 10UF, 63V	C661	ECUX1H390JCX	C 39PF, J, 50V
C540	ECKD2H222KB2	C 2200PF, K,500V	C671	ECA0JM101G	E 100UF, 6.3V
C541	ECKD2H222KB2	C 2200PF, K,500V	C672	ECQB1H223KF	P 0.022UF, K, 50V
C550	ECQM4333JZ	P 0.033UF, 400V	C673	ECA1HM0R1G	E 0.1UF, 50V
C552	ECKD3D222JBP	C 2200PF, J, 2KV MTV	C674	ECA1HM0R1G	E 0.1UF, 50V
C553	ECWH12H153JS	P 0.015UF,J.1.2KV	C676	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C555	ECKD3D102JBN	C 1000PF, J, 2KV	C677	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C556	ECKD3D272JBP	C 2700PF, J, 2KV MTV	C702	ECQB1H473JF	P 0.047UF, J, 50V
C557	ECKD3D681JBN	C 680PF, J, 2KV	C710	ECEA1HW4R7S	E 4.7UF, 50V
C558	ECQB1H223JF	P 0.022UF, J, 50V	C712	ECCF1H101J	C 100PF, J, 50V
C559	ECWF2H514JNB	P 0.51UF, J,200V MTV	C801	ECQU2A224MN	P 0.22UF, M,250V □
C560	TAC7A2D564JC	P 0.56UF, J,200V	C802	ECQU2A224MN	P 0.22UF, M,250V □
C561	ECQM4472JZ	P 4700PF, J,400V MTV	C803	ECQU2A104MN	P 0.1UF, M,250V □
C570	ECA1HM100G	E 10UF, 50V	C804	ECKDNS221MBJ	C 220PF, M □
C571	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C805	ECKDNS151MBJ	C 150PF, M, □
C580	ECA1HM0R1G	E 0.1UF, 50V	C806	ECKD2H103PU	C 0.01UF, P,500V
C581	ECUX1H680JCX	C 68PF, J, 50V	C809	ECKD2H472PU	C 4700PF, P,500V
C582	ECQB1H183KF	P 0.018UF, K, 50V	C810	ECKD2H472PU	C 4700PF, P,500V
C583	ECA1CM100G	E 10UF, 16V	C811	ECKD2H472PU	C 4700PF, P,500V
C584	ECA1CM221G	E 220UF, 16V	C812	ECKD2H472PU	C 4700PF, P,500V
C585	ECUX1H221JUX	C 220PF, J, 50V	C817	ECOS2EP561CB	E 560UF, 250V
C586	ECQB1H103KF	P 0.01UF, K, 50V	C818	ECOS2EP561CB	E 560UF, 250V
C588	ECQB1H223KF	P 0.022UF, K, 50V	C820	ECKD3D222KBP	C 2200PF, K, 2KV
C589	ECUX1H681KBX	C 680PF, K, 50V			

# TX-25L10X

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
C823	ECQV1H154JM	P 0.15UF, J, 50V	C1164	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C824	ECQV1H823JZ	P 0.082UF, J, 50V	C1165	ECA1CM220G	E 22UF, 16V
C825	ECQB1H473JF	P 0.047UF, J, 50V	C1166	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C826	ECA1HM010G	E 1UF, 50V	C1170	ECUX1H101JCX	C 100PF, J, 50V
C828	ECA1HM470G	E 47UF, 50V	C1171	ECUX1H101JCX	C 100PF, J, 50V
C829	ECKD2H122KB2	C 1200PF, K, 500V	C1172	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C830	ECQB1H183JF	P 0.018UF, J, 50V MTV	C1173	ECA1CM100G	E 10UF, 16V
C831	ECKF1H103ZF	C 0.01UF, Z, 50V	C1180	ECA1HM330G	E 33UF, 50V
C832	ECQB1H473JF	P 0.047UF, J, 50V	C1181	ECQV1H474JM	P 0.47UF, J, 50V
C845	ECQB1H473JF	P 0.047UF, J, 50V	C1182	ECQV1H334JM	P 0.33UF, J, 50V
C848	ECKD3A122KBP	C 1200PF, K, 1KV MTV	C1185	ECA1CM470G	E 47UF, 16V
C849	ECA1HM101G	E 100UF, 50V	C1190	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C850	ECA1EM102G	E 1000UF, 25V	C1192	ECQB1H223KF	P 0.022UF, K, 50V
C851	ECA1CM471G	E 470UF, 16V	C2001	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C852	EC0S2CA471BB	E 470UF, 160V	C2002	ECA1AM101G	E 100UF, 10V
C853	TACDF227P160	E 220UF, 160V MTV	C2003	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C854	ECA1EM222G	E 2200UF, 25V	C2004	ECA1CM470G	E 47UF, 16V
C855	ECKD2H221KB2	C 220PF, K, 500V	C2005	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C856	ECKD3A122KBP	C 1200PF, K, 1KV MTV	C2006	ECA1CM470G	E 47UF, 16V
C857	ECKD2H391KB2	C 390PF, K, 500V	C2007	ECUX1H101JCX	C 100PF, J, 50V
C858	ECKD2H221KB2	C 220PF, K, 500V	C2008	ECEA1CN100S	E 10UF, 16V
C860	ECKDNS222MEJ	C 2200PF, M,	C2009	ECUX1H101JCX	C 100PF, J, 50V
C865	ECEA2GGGE4R7	E 4.7UF, 400V	C2010	ECEA1CN100S	E 10UF, 16V
C866	ECQV1H104JM	P 0.1UF, J, 50V	C2011	ECUX1H102KBX	C 1000PF, K, 50V
C867	ECQE2A473MW	P 0.047UF, M, 250V	C2012	ECA1CM470G	E 47UF, 16V
C868	ECA1EM100B	E 10UF, 25V MTV	C2015	ECUX1H680JCX	C 68PF, J, 50V
C880	ECA1CM471G	E 470UF, 16V	C2016	ECA1CM100G	E 10UF, 16V
C881	ECEA1CGE101	E 100UF, 16V	C2017	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C885	ECEA1EGE101	E 100UF, 25V	C2018	ECUX1H102KBX	C 1000PF, K, 50V
C886	ECA1CM101G	E 100UF, 16V	C2019	ECA1CM470G	E 47UF, 16V
C887	ECA1AM101G	E 100UF, 10V	C2022	ECUX1H680JCX	C 68PF, J, 50V
C888	ECEA0JGE101	E 100UF, 6.3V MTV	C2023	ECQB1H473KF	P 0.047UF, K, 50V
C1051	ECCF1H101J	C 100PF, J, 50V	C2024	ECA1CM100G	E 10UF, 16V
C1052	ECKF1H103ZF	C 0.01UF, Z, 50V	C2025	ECA1CM470G	E 47UF, 16V
C1053	ECA1CM470G	E 47UF, 16V	C2026	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C1101	ECA1HM0R1G	E 0.1UF, 50V	C2030	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C1102	ECUX1H471JCX	C 470PF, J, 50V	C2031	ECA1CM100G	E 10UF, 16V
C1103	ECA1CM101G	E 100UF, 16V	C2032	ECUX1H100DCX	C 10PF, D, 50V
C1104	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C2033	ECUX1H391JCX	C 390PF, J, 50V
C1105	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C2034	ECA1CM100G	E 10UF, 16V
C1106	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C2035	ECUX1H221JRX	C 220PF, J, 50V
C1107	ECA1HM010G	E 1UF, 50V	C2036	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C1108	ECUX1H181JCX	C 180PF, J, 50V	C2037	ECA1CM100G	E 10UF, 16V
C1141	ECUX1H681KBX	C 680PF, K, 50V	C2038	ECA1HM010G	E 1UF, 50V
C1142	ECUX1H101JCX	C 100PF, J, 50V	C2039	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV
C1150	ECUX1H820JCX	C 82PF, J, 50V	C2040	ECUX1H101JCX	C 100PF, J, 50V
C1151	ECUX1H221JCX	C 220PF, J, 50V MTV	C2041	ECUX1H101JCX	C 100PF, J, 50V
C1162	ECA1CM471G	E 470UF, 16V	C2042	ECQV1H224JM	P 0.22UF, J, 50V
C1163	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	C2043	ECA1CM470G	E 47UF, 16V

# TX-25L10X

Ref.No.	Part No.	Description		Ref.No.	Part No.	Description	
C2044	ECUX1H103ZFX	C 0.01UF, Z, 50V	MTV	C2337	ECA1EM222G	E 2200UF, 25V	
C2045	ECUX1H101JCX	C 100PF, J, 50V		C2338	ECA1EM470G	E 47UF, 25V	
C2046	ECUX1H101JCX	C 100PF, J, 50V		C2339	ECQB1H473KF	P 0.047UF, K, 50V	
C2047	ECQV1H334JM	P 0.33UF, J, 50V		C2340	ECA1EM102G	E 1000UF, 25V	
C2048	ECQB1H223KF	P 0.022UF, K, 50V		C2341	ECUX1H103ZFX	C 0.01UF, Z, 50V	MTV
C2053	ECEA1CN100S	E 10UF, 16V		C2342	ECA1CM100G	E 10UF, 16V	
C2055	ECEA1CN100S	E 10UF, 16V		C2343	ECUX1H153KBX	C 0.015UF, K, 50V	
C2056	ECUX1H100DCX	C 10PF, D, 50V		C2344	ECUX1H153KBX	C 0.015UF, K, 50V	
C2201	ECUX1H103ZFX	C 0.01UF, Z, 50V	MTV	C3001	ECA1CM100G	E 10UF, 16V	
C2202	ECQV1H104JM	P 0.1UF, J, 50V		C3002	ECA1CM220G	E 22UF, 16V	
C2203	ECQB1H223KF	P 0.022UF, K, 50V		C3003	ECA1CM220G	E 22UF, 16V	
C2204	ECA1CM101G	E 100UF, 16V		C3004	ECEA1CN100S	E 10UF, 16V	
C2205	ECUX1H470JRX	C 47PF, J, 50V	MTV	C3015	ECUX1H102KBX	C 1000PF, K, 50V	
C2206	ECUX1H120JCX	C 12PF, J, 50V		C3016	ECEA1HN010U	E 1UF, 50V	
C2207	ECUX1H102JCX	C 1000PF, J, 50V		C3017	ECA1CM100G	E 10UF, 16V	
C2208	ECA1HM4R7G	E 4.7UF, 50V		C3018	ECA1CM470G	E 47UF, 16V	
C2209	ECEA1EN4R7U	E 4.7UF, 25V		C3019	ECUX1H103ZFX	C 0.01UF, Z, 50V	MTV
C2215	ECUX1H103ZFX	C 0.01UF, Z, 50V	MTV	C3020	ECA1CFQ121	E 120UF, 16V	
C2216	ECA1CM100G	E 10UF, 16V		C3021	ECA1EM471G	E 470UF, 25V	
C2217	ECEA1EN4R7U	E 4.7UF, 25V		C3023	ECUX1H102KBX	C 1000PF, K, 50V	
C2218	ECEA1CN470S	E 47UF, 16V		C3024	ECEA1HN010U	E 1UF, 50V	
C2219	ECEA1CN470S	E 47UF, 16V		C3026	ECEA1CN100S	E 10UF, 16V	
C2220	ECQV1H224JM	P 0.22UF, J, 50V		C3027	ECEA1CN100S	E 10UF, 16V	
C2301	ECEA1HN2R2U	E 2.2UF, 50V		C3028	ECUX1H101JCX	C 100PF, J, 50V	
C2302	ECA1HM0R1G	E 0.1UF, 50V		C3029	ECUX1H390JCX	C 39PF, J, 50V	
C2303	ECUX1H472ZFX	C 4700PF, J, 50V		C3041	ECA1CM100G	E 10UF, 16V	
C2304	ECA1CM100G	E 10UF, 16V		C3050	ECUX1H103ZFX	C 0.01UF, Z, 50V	MTV
C2305	ECA1CM100G	E 10UF, 16V		C3051	ECEA1CN100S	E 10UF, 16V	
C2306	ECA1CM100G	E 10UF, 16V		C3055	ECUX1H101JCX	C 100PF, J, 50V	
C2307	ECA1CM100G	E 10UF, 16V		C3060	ECA1CM100G	E 10UF, 16V	
C2309	ECA1CM100G	E 10UF, 16V		C3070	ECA1HM010G	E 1UF, 50V	
C2311	ECA1EM101G	E 100UF, 25V		C3071	ECA1HM010G	E 1UF, 50V	
C2312	ECA1HM010G	E 1UF, 50V		C3072	ECUX1H682KBX	C 6800PF, K, 50V	MTV
C2313	ECA1EM470G	E 47UF, 25V		C3073	ECA1HMR47G	E 0.47UF, 50V	
C2315	ECEA1CN100U	E 10UF, 16V		C3074	ECUX1H682KBX	C 6800PF, K, 50V	MTV
C2317	ECA1HM0R1G	E 0.1UF, 50V		C3075	ECA1HMR47G	E 0.47UF, 50V	
C2318	ECQV1H104JM	P 0.1UF, J, 50V		C3092	ECUX1H102KBX	C 1000PF, K, 50V	
C2319	ECA1CM470G	E 47UF, 16V		C3093	ECA1HM010G	E 1UF, 50V	
C2320	ECUX1H472KBX	C 4700PF, K, 50V		C3094	ECUX1H102KBX	C 1000PF, K, 50V	
C2321	ECA1HM0R1G	E 0.1UF, 50V		C3095	ECA1HM010G	E 1UF, 50V	
C2322	ECA1CM470G	E 47UF, 16V		C3101	ECA1HM100G	E 10UF, 50V	
C2323	ECEA1HN2R2U	E 2.2UF, 50V		C3501	ECA1CM470G	E 47UF, 16V	
C2330	ECA1HM3R3G	E 3.3UF, 50V		C3502	ECUX1H104ZFW	C 0.1UF, Z, 50V	MTV
C2331	ECA1HM010G	E 1UF, 50V		C3503	ECUX1H223ZFX	C 0.022UF, Z, 50V	
C2332	ECA1HM010G	E 1UF, 50V		C3504	ECUX1H270JCX	C 27PF, J, 50V	
C2333	ECA1CM101G	E 100UF, 16V		C3505	ECUX1H330JCX	C 33PF, J, 50V	MTV
C2334	ECQB1H473KF	P 0.047UF, K, 50V		C3506	ECUX1H270JCX	C 27PF, J, 50V	
C2335	ECA1EM470G	E 47UF, 25V		C3507	ECUX1H330JCX	C 33PF, J, 50V	MTV
C2336	ECA1EM102G	E 1000UF, 25V		C3513	ECUX1H104ZFW	C 0.1UF, Z, 50V	MTV

# TX-25L10X

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
C3514	ECA1CM470G	E 47UF, 16V	L1101	EXCELDLR25V	CORE
C3518	ECA1HM2R2G	E 2.2UF, 50V	L1140	TLUABTA100	PEAKING COIL MTV
C3519	ECEA1CN220S	E 22UF, 16V	L1150	TLUABTA100	PEAKING COIL MTV
C3523	ECUX1H104ZFW	C 0.1UF, Z, 50V MTV	L1151	TLUABTA100	PEAKING COIL MTV
C3524	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	L1152	TLUABTA100	PEAKING COIL MTV
C3526	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	L1155	TLT100K991K	PEAKING COIL 10U
C3527	ECA1CM221G	E 220UF, 16V	L1160	TLT100K991K	PEAKING COIL 10U
C3534	ECA1HM101G	E 100UF, 50V	L1162	TLUABTA100	PEAKING COIL MTV
C3535	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	L1170	ERD25TJ470	C 470HM, J, 1/4W
C3539	ECA1HM100G	E 10UF, 50V	L2001	TLT120K991K	PEAKING COIL 12U
C3544	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	L2002	TLT120K991K	PEAKING COIL 12U
C3545	ECUX1H223ZFX	C 0.022UF, Z, 50V	L2003	EXCELDLR25V	CORE
C3560	ECA1CM221G	E 220UF, 16V	L2004	EXCELDLR25V	CORE
C3561	ECUX1H103ZFX	C 0.01UF, Z, 50V MTV	L2005	EXCELDLR25V	CORE
C3562	ECEA0JKN220	E 22UF, 6.3V	L2006	EXCELDLR25V	CORE
C3563	ECUX1H470JRX	C 47PF, J, 50V MTV	L2007	EXCELDLR25V	CORE
<b>COILS</b>			L2008	EXCELDLR25V	CORE
L101	TLT082K991K	PEAKING COIL 8.2U	L2010	TLT120K991K	PEAKING COIL 12U
L120	TLXR56MD01	PEAKING COIL MTV	L2030	EXCELDLR25V	CORE
L121	TLT082K991K	PEAKING COIL 8.2U	L2031	TLT068K991K	PEAKING COIL 6.8U
L130	TLT082K991K	PEAKING COIL 8.2U	L2032	EXCELDLR25V	CORE
L131	TLT082K991K	PEAKING COIL 8.2U	L2033	TLT180K991K	PEAKING COIL 18U
L155	EQV7EN206B	INDUCTOR COIL	L2201	EIS7EN036B	COIL
L180	TLT100K991K	PEAKING COIL 10U	L2330	EXCELSA35T	BEAD CORE MTV
L181	TLT100K991K	PEAKING COIL 10U	L2803	EXCELSA35T	BEAD CORE MTV
L182	TLT150K991K	PEAKING COIL 15U	L3015	EXCELDLR25V	CORE
L183	TLT150K991K	PEAKING COIL 15U	L3501	TLTACC100K	PEAKING COIL 10U
L184	TLT270K991K	PEAKING COIL 27U	L3503	TLTACC100K	PEAKING COIL 10U
L351	TSK1002	COIL	L3504	TLTACC100K	PEAKING COIL 10U
L361	EXCELSA35T	BEAD CORE MTV	L3505	TLTACC100K	PEAKING COIL 10U
L415	TLT101K991K	PEAKING COIL 100U	LC2001	EXCEMT103DTM	CAPACITOR ARRAY MTV
L501	EXCELSA35T	BEAD CORE MTV	LC2002	EXCEMT103DTM	CAPACITOR ARRAY MTV
L553	EXCELSA35T	BEAD CORE MTV	<b>TRANSFORMERS</b>		
L555	TLH15696T	LINEARITY COIL	T501	KFT4AA028F	FLYBACK TRANSFORMER 
L556	ELC08D055	COIL	T550	ETH19Y70AY	H DRIVE TRANS
L613	TLUABTA100	PEAKING COIL MTV	T801	TLP4GA003K	SWITCHING TRANS MTV 
L614	TLUABTA100	PEAKING COIL MTV	<b>DIODES</b>		
L615	TLUABTA100	PEAKING COIL MTV	D120	MA858	DIODE
L630	TLT100K991K	PEAKING COIL 10U	D337	MTZJ6.8A	ZENER DIODE
L660	TLT220K991K	PEAKING COIL 22U	D351	MA165	DIODE
L710	TLH15733M	COIL	D353	MA165	DIODE
L801	ELF18D656X	LINE FILTER 	D355	MA165	DIODE
L802	ELF18D656X	LINE FILTER 	D357	MA165	DIODE
L805	TSC925-4	CHOKE COIL	D360	MA4062L	DIODE
L806	TSC925-4	CHOKE COIL	D401	ERA15-01	DIODE
L820	EXCELSA35T	BEAD CORE MTV	D402	MTZJ39A	ZENER DIODE
L850	T8RHB-H820K	COIL MTV	D421	MA29W-A	DIODE
L851	EXCELSR35S	BEAD CORE MTV	D422	MA29W-A	DIODE

# TX-25L10X

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
D502	TVSEU2	DIODE	D1140	MA165	DIODE
D503	TVSRU2AM	DIODE	D1170	MTZJ6.8C	ZENER DIODE
D505	TVSEU2	DIODE	D1171	MTZJ6.8C	ZENER DIODE
D508	D1NL20UV70	DIODE MTV	D2030	BB405B	DIODE
D509	MA4108J	DIODE	D2031	MA165	DIODE
D520	MTZJ36D	ZENER DIODE	D2220	MTZJ16B	ZENER DIODE
D521	TVSEU2	DIODE	D2301	MA165	DIODE
D523	MA165	DIODE	D2302	MA165	DIODE
D524	MTZJ4.7C	ZENER DIODE	D2330	MTZJ5.1A	ZENER DIODE
D551	ERD07-15	DIODE	D2341	MA165	DIODE
D552	TVSRU3AN	DIODE	D3015	MTZJ18C	ZENER DIODE
D553	MA182	DIODE	D3064	MA4082H	DIODE
D601	MA165	DIODE	D3503	MA165	DIODE
D610	MA165	DIODE	<b>INTEGRATED CIRCUITS</b>		
D611	MTZJ15C	ZENER DIODE	IC101	M52760SP	LINEAR IC
D651	MTZJ8.2C	ZENER DIODE	IC102	TVSUPD4066BC	C-MOS LOGIC IC
D652	MA167	DIODE	IC201	M52317SP	LINEAR IC MTV
D710	MA29W-A	DIODE	IC401	LA7833S	LINEAR IC
D711	MA29W-A	DIODE	IC402	TA8859P	IC
D713	MA29W-A	DIODE	IC601	AN5693K	LINEAR IC MTV
D801	TAP4GA0001	POSISTOR	IC602	TDA8395P	LINEAR IC MTV
D803	D4SB80Z	DIODE	IC603	TDA4665	LINEAR IC
D819	MA4110M	DIODE	IC802	HA17555	LINEAR IC
D820	D1NL20UV70	DIODE MTV	IC803	SE140N	IC
D821	MTZJ8.2C	ZENER DIODE	IC865	MK1210	HYBRID IC
D822	D1NL20UV70	DIODE MTV	IC880	AN7805	LINEAR IC
D823	D1NL20UV70	DIODE MTV	IC881	UPC7812AHF	IC MTV
D824	PC123F2	DIODE	IC882	AN7809	LINEAR IC
D825	D1NL20UV70	DIODE MTV	IC883	AN7805	LINEAR IC
D826	D1NL20UV70	DIODE MTV	IC1051	GP1U282Q	REMOCON RECEIVER
D830	MTZJ9.1C	ZENER DIODE	IC1101	MN1871675T7M	MOS IC MTV
D831	MTZJ4.7B	ZENER DIODE	IC1102	24C04AIPA21	MOS IC (EEPROM 4K)
D835	D1NL20UV70	DIODE MTV	IC1103	MN1280R	IC (MOS IC)
D836	MTZJ2.4B	ZENER DIODE	IC1104	TVSUPD4066BC	C-MOS LOGIC IC
D844	D1NL20UV70	DIODE MTV	IC1105	AN5071	LINEAR IC
D845	D1NL20UV70	DIODE MTV	IC2001	SAAT283ZP	MOS IC (LOGIC)
D846	MTZJ6.8C	ZENER DIODE	IC2201	AN5215	LINEAR IC
D850	S3L20U	DIODE	IC2202	TDA8417/V3	LINEAR IC MTV
D851	D1NL20UV70	DIODE MTV	IC2301	CXA2021S	LINEAR IC
D852	S3L60	DIODE	IC2302	AN7124	LINEAR IC MTV
D853	S3L20U	DIODE	IC3001	M51321P	LINEAR IC
D854	D1NL20UV70	DIODE MTV	IC3003	TC4066BFN	IC MTV
D855	MTZJ51	ZENER DIODE	IC3004	TC4066BFN	IC MTV
D856	TVSSR2KS	DIODE	IC3501	CF72416	IC MTV
D857	D1NL20UV70	DIODE MTV	IC3502	CF70204NW	IC MTV
D865	EM1C	DIODE	IC3503	MN1280R	IC (MOS IC)
D880	EU02	DIODE	IC3505	TC4066BFN	IC MTV
D1051	EL333ID-F45R	LED MTV	IC3506	TC4066BFN	IC MTV
D1130	MA165	DIODE			

# TX-25L10X

	TRANSISTORS		Ref.No.	Part No.	Description
Ref.No.	Part No.	Description			
Q101	2SC945AQR-T	TRANSISTOR MTV	Q2303	2SA564A-R	TRANSISTOR
Q102	2SC2188	TRANSISTOR	Q3001	2SD601ATX	TRANSISTOR MTV
Q103	2SC945AQR-T	TRANSISTOR MTV	Q3002	2SD601ATX	TRANSISTOR MTV
Q104	2SC1047	TRANSISTOR	Q3003	2SD601ATX	TRANSISTOR MTV
Q140	2SC945AQR-T	TRANSISTOR MTV	Q3004	2SD601ATX	TRANSISTOR MTV
Q150	2SC945AQR-T	TRANSISTOR MTV	Q3005	2SC1685-Q	TRANSISTOR
Q151	2SC945AQR-T	TRANSISTOR MTV	Q3006	2SD601ATX	TRANSISTOR MTV
Q160	2SC945AQR-T	TRANSISTOR MTV	Q3008	2SD601ATX	TRANSISTOR MTV
Q351	2SC3063	TRANSISTOR	Q3009	2SD601ATX	TRANSISTOR MTV
Q352	2SC3063	TRANSISTOR	Q3010	2SD601ATX	TRANSISTOR MTV
Q353	2SC3063	TRANSISTOR	Q3011	2SD601ATX	TRANSISTOR MTV
Q354	2SC1685-Q	TRANSISTOR	Q3013	2SD601ATX	TRANSISTOR MTV
Q355	2SC1685-Q	TRANSISTOR	Q3015	2SD601ATX	TRANSISTOR MTV
Q356	2SC1685-Q	TRANSISTOR	Q3016	2SD601ATX	TRANSISTOR MTV
Q360	2SB1011	TRANSISTOR	Q3503	2SD601ATX	TRANSISTOR MTV
Q361	2SB1011	TRANSISTOR	Q3504	2SD601ATX	TRANSISTOR MTV
Q362	2SB1011	TRANSISTOR	Q3505	2SD601ATX	TRANSISTOR MTV
Q363	2SA564QR	TRANSISTOR MTV	Q3506	2SB709ATX	TRANSISTOR MTV
Q433	2SA564A-R	TRANSISTOR	Q3507	2SD601ATX	TRANSISTOR MTV
Q440	2SC945AQR-T	TRANSISTOR MTV	Q3508	2SD601ATX	TRANSISTOR MTV
				OTHERS	
Q441	2SA564A-R	TRANSISTOR	E.12	TJS5A9420	8P CONNECTOR
Q442	2SC945AQR-T	TRANSISTOR MTV	E.13	TJS5A9420	8P CONNECTOR
Q520	2SA564A-R	TRANSISTOR	E.16	TJS3A9640	3P CONNECTOR
Q550	2SC2653HLB	TRANSISTOR	E.17	TJS3A8980	24P CONNECTOR
Q551	2SD1556	TRANSISTOR	E.22	T1DX04PB2	CONNECTOR MTV
Q651	2SC945AQR-T	TRANSISTOR MTV	E.32	TJS3A9660	CONNECTOR MTV
Q710	2SD1499	TRANSISTOR	E.33	T1DX04PB2	CONNECTOR MTV
Q711	2SA564A-R	TRANSISTOR	E.35	TJSF00216	16P CONNECTOR
Q712	2SA564A-R	TRANSISTOR	E.38	TJS5A8130	CONNECTOR MTV
Q801	2SC4581	TRANSISTOR	E.39	TJS5A8130	CONNECTOR MTV
Q802	2SD1207	TRANSISTOR	F801	XBA2C40TR0	FUSE 250V 4A
Q807	2SA684	TRANSISTOR	H.16	TJS1A8090	PHONO PIN
Q808	2SC1815	TRANSISTOR	H.17	TJS3A8990	24P CONNECTOR
Q809	2SC1815	TRANSISTOR	J.79	ERJ6GEY0R00	M 0OHM,J,1/10W
Q810	2SC3940A	TRANSISTOR	J.80	ERJ6GEY0R00	M 0OHM,J,1/10W
Q845	2SC1815	TRANSISTOR	JA1	ERJ6GEY0R00	M 0OHM,J,1/10W
Q846	2SC1815	TRANSISTOR	JA2	ERJ6GEY0R00	M 0OHM,J,1/10W
Q847	2SA1859	TRANSISTOR	JA3	ERJ6GEY0R00	M 0OHM,J,1/10W
Q1130	2SC945AQR-T	TRANSISTOR MTV	JA5	ERJ6GEY0R00	M 0OHM,J,1/10W
Q1131	2SC945AQR-T	TRANSISTOR MTV	JA6	ERJ6GEY0R00	M 0OHM,J,1/10W
Q1132	2SA564A-R	TRANSISTOR	JA7	ERJ6GEY0R00	M 0OHM,J,1/10W
Q1133	2SC945AQR-T	TRANSISTOR MTV	JA9	ERJ6GEY0R00	M 0OHM,J,1/10W
Q1140	2SC945AQR-T	TRANSISTOR MTV	JK351	TJS1A5210	CRT SOCKET
Q1180	2SC945AQR-T	TRANSISTOR MTV	JK3001	TJB4G609-1	REAR AV TERMINAL MTV
Q1190	2SC945AQR-T	TRANSISTOR MTV	JS1102	ERD25V0R00	C OOHM, 1/4W
Q2001	2SC1685-Q	TRANSISTOR	JS1110	ERD25V0R00	C OOHM, 1/4W
Q2002	2SC1685-Q	TRANSISTOR	JS1145	ERJ6GEY0R00	M 0OHM,J,1/10W
Q2301	2SC945AQR-T	TRANSISTOR MTV	JS1160	ERD25V0R00	C OOHM, 1/4W

**TX-25L10X**

Ref.No.	Part No.	Description	
JS3092	ERJ6GEY0R00	M	00HM,J,1/10W
JS3093	ERJ6GEY0R00	M	00HM,J,1/10W
NC.12	TJS3A9140	CONNECTOR	
NC.13	TJS3A9140	CONNECTOR	
P.1	TJS4G403	4P CONNECTOR	
P.35	TJSF00316	16P CONNECTOR	
R.1	TJS4G404	4P CONNECTOR	
S801	ESB91232A	SWITCH	
S1101	EVQ21405R	SWITCH	
S1102	EVQ21405R	SWITCH	
S1103	EVQ21405R	SWITCH	
S1104	EVQ21405R	SWITCH	
S1105	EVQ21405R	SWITCH	
S1106	EVQ21405R	SWITCH	
S1107	EVQ21405R	SWITCH	
TNR1	TNVC04B01	TUNER	MTV 
X101	K6267K	SAW FILTER	MTV
X102	K9351M	SAW FILTER	MTV
X180	EFC5M7MW3	CERAMIC FILTER	
X181	EFC5R0MW5	CERAMIC FILTER	
X182	EFC5R5MW5	CERAMIC FILTER	
X183	EFC5R5MW5	CERAMIC FILTER	
X201	CSB1000J527	CRYSTAL OSC	MTV
X202	SFSH6R0MDB	CERAMIC FILTER	MTV
X203	EFC5R5MS5	CERAMIC FILTER	
X204	EFC5R5MS5	CERAMIC FILTER	
X205	EFC5R5MS5	FILTER	
X580	CSB500F48	CRYSTAL OSC	MTV
X601	TS116M20	CRYSTAL OSC	MTV
X602	TS816M32	CRYSTAL OSC	MTV
X1160	EF0EC1205B4	CERAMIC RESONATOR	
X2030	TSS2061-M	CRYSTAL	
X2201	EFC5R74KS4	CERAMIC FILTER	
X2215	TSS2076-M	CRYSTAL	
X3501	TSS2004-M	CRYSTAL	
X.38	TJS3A9140	CONNECTOR	
X.39	TJS3A9140	CONNECTOR	
Y.32	TJS3A9660	CONNECTOR	MTV
Y.33	TJS3A9650	CONNECTOR	MTV